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HOLMES'

Wholesale Handbook
of SEEDS
for Market Gardeners
1915

HOLMES SEED CO.
HARRISBURG, PENNA.



HOLMES'
EMPEROR CELERY
SEE PAGE 9

1 PKT. 20¢ — 3 PKTS. 50¢

SEE SPECIAL OFFER ON LAST COVER



Satisfaction Guaranteed, or Your Money Back

OUR RESPONSIBILITY AND STANDING. Holmes Seed Company is incorporated under Pennsylvania laws. We refer you to Harrisburg National Bank or Security Trust Company of Harrisburg, or Dun's Mercantile Agency, or to any responsible business house in this city. We feel sure that when you have once bought from us you will become our permanent customer. We give you good seeds and plants at fair prices. You get your money's worth always. If a mistake is made, it is our desire to correct it; this you may depend on.

WE DELIVER FREE. The prices quoted include prepayment of charges on all seeds, plants, bulbs, etc., whether they may be sent by mail, express or freight, *except where noted*. If you prefer to deal with your local storekeeper, ask for Holmes' Tested Seeds. If he does not have them, then send direct to us.

WE GUARANTEE OUR SEEDS to be pure and of strong vitality. If, from any cause, they should fail to prove of such quality, we will refill the order or refund the price paid upon receipt of satisfactory evidence that such is the case. **But Holmes Seed Company does not give,** nor are any of their agents or employees permitted to give, any warranty, expressed or implied, as to descriptions, quality, productiveness, or any other matter of any seed, bulb or plant they send out, beyond the guarantee published in this catalogue, which is very liberal, and will not be in any way responsible for the crop beyond the replacing of the seeds or returning the money paid. If the purchaser does not accept the goods on these terms, they are at once to be returned. Good seeds, fair prices, honesty, "money back"—our policy.

DISCOUNT, AND HOW TO REMIT. If your order is for one dollar or more, deduct 20 per cent from the *total value, at catalogue prices, of seeds, by the packet or ounce*. This does not apply to larger quantities. Unless you have a charge account, we request that remittance to the amount of each order be sent with the order, and guarantee that full value will be received in good order.

HOLMES SEED COMPANY

Holmes' Superior Recleaned Grass Seed

All prices on Grasses subject to change. Write for special quotations

	AT PURCHASER'S EXPENSE BY FREIGHT OR EXPRESS		
	Bush.	Lb.	100 lbs.
Awnless Brome Grass (<i>Bromus inermis</i>). Will stand long droughts and produce heavy crops in dry sections. Especially desired for permanent pasturage. (14 lbs. per bus.).....	\$2 60	\$0 20	\$16 00
Canada Blue Grass (<i>Poa compressa</i>). Useful for sowing on hard clay and poor soils. (14 lbs. per bus.).....	1 75	14	11 00
Creeping Bent Grass (<i>Agrostis stolonifera</i>). Excellent for lawns; thrives on moist lands (bus. 20 lbs.).....	6 00	35	32 00
Crested Dog's-Tail (<i>Cynosurus cristatus</i>). An excellent grass for hard, dry soils, valuable for pastures and lawns. (21 lbs. per bus.).....	5 00	30	26 00
English Rye Grass (<i>Lolium perenne</i>). Nutritious, vigorous; for meadow and pasture. (bus. 24 lbs.).....	2 25	15	8 00
Hard Fescue (<i>Festuca duriuscula</i>). One of the most desirable dwarf grasses, excellent for dry soils and shady places. (12 lbs. per bus.).....	2 50	22	16 00
Italian Rye Grass (<i>Lolium Italicum</i>). A valuable European variety, adapted to any climate and produces large and nutritive crops. (18 lbs. per bus.).....	2 25	15	9 50
Kentucky Blue Grass (<i>Poa pratensis</i>). Well known and extensively grown in all parts of the country; used for lawns. (14 lbs. per bus.).....	2 00	20	14 00
Meadow Fescue (<i>Festuca pratensis</i>). Fine permanent pasture; heavy and nutritious. (bus. 22 lbs.).....	3 75	25	22 00
Meadow Foxtail (<i>Alopecurus pratensis</i>). One of the earliest and best pasture grasses, grows rapidly when cut or eaten down by stock. (7 lbs. per bus.).....	2 75	40	38 00
Orchard Grass (<i>Dactylis glomerata</i>). A valuable pasture grass, adapted for growing in shady, moist places under trees, etc. (14 lbs. per bus.).....	2 50	25	21 00
Perennial Rye (<i>Lolium perenne</i>). Nutritious; for meadow or permanent pasture. (bus. 20 lbs.).....	2 00	15	8 00
Red, or Creeping Fescue (<i>Festuca rubra</i>). Valuable for lawns. (14 lbs. per bus.).....	3 00	25	20 00
Red-Top Grass (<i>Agrostis vulgaris</i>). Valuable for either pastures or lawns. (14 lbs. per bus.).....	2 25	25	22 00
Rhode Island Bent Grass (<i>Agrostis canina</i>). Valuable for either pastures or lawns. (14 lbs. per bus.).....	4 50	35	34 00
Rough-Stalk Meadow Grass (<i>Poa trivialis</i>). Excellent for pastures and meadows, particularly on damp soils. As a lawn grass it forms a fine turf and does well in shaded locations. Sow 20 lbs. per acre.....	7 00	40	37 00
Sheep's Fescue (<i>Festuca ovina</i>). Excellent for sheep pasture; 6 to 10 inches high. (bus. 12 lbs.).....	2 25	20	15 00
Sweet Vernal, True Perennial (<i>Anthoxanthum odoratum</i>). It should be sown in connection with other grasses for pastures or lawns. (10 lbs. per bus.).....	4 75	50	48 00
Tall Meadow Oats Grass (<i>Avena elatior</i>). This is a valuable variety for pastures. (10 lbs. per bus.).....	2 00	22	18 00
Tall Fescue (<i>Festuca elatior</i>). Early, nutritive and productive in permanent pastures on wet or clay soils. On moist lands yields a large amount of good hay. Height 3 to 4 feet. Not suitable for lawns. Sow 40 lbs. per acre. (14 lbs. per bus.).....	4 60	35	30 00
Timothy (<i>Phleum pratense</i>). A variety producing a profitable hay crop in almost any soil. ½ bushel per acre. Our seed is free from weed seeds and of high germinating power. (45 lbs. per bus.).....	3 50	10	6 50
Various-leaved Fescue (<i>Festuca heterophylla</i>). A perennial grass suitable for cold, moist soils in which it will yield heavily. Valuable in permanent meadows, either for mowing or grazing. Height 2 to 3 feet. As a lawn grass it is valuable, especially for shaded places. Sow 40 lbs. per acre. (bus. 12 lbs.).....	3 20	30	28 00
Wood Meadow Grass (<i>Poa nemoralis</i>). A very productive grass, adapted for lawns or pastures. Thrives well under trees. (14 lbs. per bus.).....	6 00	50	40 00

Holmes' Superior Recleaned Clover Seed

The prices of some varieties of Clover, Grass and Field Seeds may change as the season advances. Prices now given are those prevailing when this catalogue was published. It will be to advantage of intending purchasers to write for samples and special prices before ordering in large quantities.

ALFALFA (*Medicago sativa*), also known as Lucerne and Chili Clover. One of the most valuable forage or pasture grasses, being very nutritious, both as a green feed and as hay. It requires moist land or frequent irrigation, and often bears five or six crops of hay a year. **Lb. 30 cts., 3 lbs. 75 cts., postpaid; price per bus. on application.**

Red Medium Clover. This is the common Red Clover. **Lb. 30 cts., 3 lbs. 75 cts., postpaid; price per bus. on application.**

Mammoth or Pea-Vine Clover. This grows much taller. **Lb. 30 cts., 3 lbs. 75 cts., postpaid; price per bus. on application.**

White Dutch Clover. The best variety for lawns. **Lb. 50 cts., postpaid; price per bus. on application.**

ALSIKE, or Hybrid Clover. The hardiest of all, sometimes called Giant White Clover. It is a perennial, therefore adapted for permanent pastures or for hay crop. **Lb. 35 cts., postpaid; for larger quantities, write for prices.**

CRIMSON or Scarlet Clover. An annual variety, providing large crops of green forage, or, if cut while in bloom, will make excellent hay. As a green manuring crop, it gives the very best results. **Lb. 25 cts., 3 lbs. 60 cts., postpaid; for larger quantities, write for prices.**

Holmes Seed Company give no warranty, express or implied, as to description, quality, productiveness, or any other matter of any Seeds, Bulbs or Plants they send out, and they will not be in any way responsible for the crop. If the purchaser does not accept the goods on these terms they are at once to be returned.

State if wanted by Parcel Post, Express or Freight (*Regarding Parcel Post shipments see page 3*) _____

HOLMES SEED COMPANY

SEED-GROWERS AND MERCHANTS

Date_____

Harrisburg, Pennsylvania

Ship via _____

Name _____ When shall we ship? _____

Post Office _____ Your Express Office _____

County _____ State _____ Your Freight Station _____

R. F. D. No. _____ Total Amount _____

WE DELIVER FREE IN THE U.S. (to any P.O., R.R. Express Office or Freight Station, at our option) VEGETABLE AND FLOWER SEEDS (by the Packet, Ounce, one-fourth Pound and Pound). Also Lawn Grass Seeds, most Bulbs at the Single Price, and Books, except where otherwise noted in this Catalogue.

Purchasers Pay—Or Allow for transportation on Seeds in Bulk, Pints, Quarts, Half-Pecks, Pecks, Bushels, Barrels; also on Bulbs in Quantity, Farm Seeds, Tools, Implements, Requisites, Fertilizers and Insecticides.

[illegible]



This Lawn was Sown with Holmes' Capitol Park Lawn Grass Seed

Choice Lawn Grass Seed Mixtures

A Few Words Here.—The seedsman is always censured if weeds come up in the lawn. We invariably purchase the finest grasses we can obtain, either here or abroad. Weed seeds are carried by the thousands by birds and by the manure you put on the soil. Even if you plant nothing, weeds will come. We know of soil which was excavated at a depth of seventy feet and inside one month was covered with a magnificent growth of numerous weeds.

MAKING AND CARING FOR THE LAWN

Preparing and Manuring the Ground. In making a new lawn, all grading, tree planting and laying out of walks and drives should be done first. The ground should be thoroughly dug or plowed to a depth of 10 to 12 inches, after which some good fertilizer—pure ground bone or pulverized sheep manure is especially recommended—should be applied at the rate of 100 to 800 pounds per acre. The ground should be fine and perfectly smooth and even.

Sowing the Seed, Rolling and Weeding. The best time or sowing grass seed is in spring, from February to May, or in fall, from September to November, using on small plots at the rate of one quart of seed to each 200 square feet, and for large lawns, golf links, tennis, cricket and croquet-grounds, use at the rate of eighty pounds of seed per acre, and for putting-greens, 100 pounds of seed per acre. After the seed has been sown broadcast the ground should be thoroughly rolled; or, in small places, beaten with the back of a spade to "firm" the surface and press the seed into the soil. Annual weeds, natural to the soil, will appear before the young grass becomes established; none of these should be allowed to ripen their seeds.

Renovating Old Lawns. This should be done either in the spring or early fall, by raking the soil where bare spots occur, and sowing seed, taking care that it is not covered too deep, and also to roll or pat the surface smooth with a shovel.

Cutting, Weeding and Watering. When the grass has attained a height of 4 inches it should be mown, care being exercised not to cut it too close. Frequent rolling and mowing will make the turf close and compact, strengthen the grass and render the lawn smooth and attractive. Lawns require frequent watering and feeding to keep up their vigor. We recommend **Holmes' Lawn Dressing** as the best fertilizer for nourishing lawns.

Top-Dressing in Fall. A coating of wood-ashes and ground bone in the late fall is very beneficial and gives the lawn a good start in the spring. It is also advisable to roll the lawn after the last cutting in the fall; it prevents much of the young growth from freezing out at the roots.

THE AMERICAN LAWN BEAUTIFUL. A booklet brimful of valuable information free for the asking.

HOLMES' CAPITOL PARK LAWN GRASS SEED

Both for Forming New Lawns and Renewing Old Lawns. The Kind that Gives Lasting Results. Four Weeks from Sowing You Can Use Your Mower

A good lawn once made will last for years if the right material is used and the work properly done. Our Capitol Park Lawn Seed has been thoroughly tested in all parts of the country and gives perfect satisfaction. Its use will insure a beautiful, green, smooth, velvety sward, which is often ready for cutting in from four to six weeks. Composed of fancy, reclaimed domestic and foreign grasses best adapted for a perfect and enduring lawn. No more sodding, once Capitol Park Lawn Seed is used, for, if directions are followed, you are sure of good results. Lawn seed can be sown at almost any time, from early spring to late in the fall. Qt. 25 cts., 2 qts. 45 cts. Seed in bulk, by freight or express, peck \$1.25, bus. of 20 lbs. \$4, prepaid.

Harry W. Miller, Harrisburg, Pa., writes: *It affords me a great deal of pleasure to express the satisfaction I have experienced in the sowing, on new and heavily weeded ground, of your Capitol Park Lawn Grass Seed Mixture. The grass was above the surface of the ground four days after it had been sowed, and today there is a thick, velvety verdure which is the admiration of the neighborhood. I have never seen its equal anywhere. This goes to prove that seed, if properly sown according to your booklet, The American Lawn Beautiful, which you advised me to read, will give results; and the beauty of it all is no weeds have made their appearance.*

HOLMES' TERRACE MIXTURE

A mixture of grasses best adapted for sloping ground and terraces. Has deep, spreading roots that hold embankments and cover terraces with a beautiful green turf. Qt. 30 cts., peck \$1.50, bus of 20 lbs. \$5, prepaid.

PRICES SUBJECT TO CHANGE WITHOUT NOTICE.



HOLMES' SHADY NOOK LAWN MIXTURE

The beauty of many lawns today is marred by the unsightly bare spots under trees and shrubbery and close to walks, due to all-day shade. Unfortunately the regular Lawn Grass Seed will not thrive well in shady places, but we have, by long experience in the study of grasses and their growing natures, succeeded in making a special mixture that will produce a velvety green sod in the very shadiest nooks and corners. The special grasses that are used in this mixture are mostly imported and high-priced, and we can recommend this variety to our most critical trade. The grasses are all fancy re-cleaned and we make the prices as low as possible consistent with the quality offered. Ground that is densely shaded is usually covered with moss and clumps of coarse grasses, which should be removed and the ground covered with slaked lime before sowing our special mixture. **Qt. 35 cts., 4 qts. \$1, peck \$1.60, bus. of 20 lbs. \$5.50, prepaid.**

V. Grant Forrer, Supt. Harrisburg Park Commission writes—

I desire to say that the grass seed which you furnished of your Shady Nook Mixture for the shady places on Front Street under the trees speaks for itself. The results obtained were more than satisfactory, and I can unhesitatingly recommend your seed, not only the Shady Nook but also the grass seed you furnished for golf-course and lawns, as being thoroughly reliable.

The above photograph taken on Front Street speaks for itself. The seed was sown early in spring, and on the date the photograph was taken, May 28, there was a beautiful sod.

HOLMES' GOLF-LINKS MIXTURE For Fair-Greens and Putting-Greens

For some years past we have made up a special mixture of grasses adapted specially for golf-courses. This mixture is composed of grasses that produce in a very short time a permanent, low-growing, tough greensward of beautiful appearance. By the use of our famous mixtures for fair-greens and putting-greens, a permanent turf can be produced in a very short time.

Holmes' Fair-Greens Mixture. Qt. 20 cts., 2 qts. 35 cts., 4 qts. 50 cts., peck 85 cts., bus. of 15 lbs. \$3.25, 5 bus. \$15, 10 bus. \$27.50, 25 bus. \$65, prepaid.

Holmes' Putting-Green Mixture. Qt. 30 cts., 4 qts. 90 cts., peck \$1.50, bus. of 20 lbs. \$6, 5 bus. \$28.75, 10 bus. \$55, prepaid.

The Fair-Green Mixture you supplied to the Colonial Country Club for use on the golf-course has answered the purpose exactly. This seed was sown from April 27 to 30. On all parts of the grounds where soil conditions, etc., were good it came up beautifully and in six weeks' time has made a fine sod. On hard, shady knolls, extreme slopes and ground subject to heavy washes, of course no sod could be expected for years, but even on those spots we have got a foundation that will hold next seeding. With light seeding fall or spring we shall have a fine sod next spring. As regards the lawn in front of the Club House, seeded October, 1911, it shows up beautifully and certainly speaks well for Holmes' Capitol Park Mixture.—Stewart McEwan, Professional Green-keeper.

HOLMES' "TOUGH SOD" GRASS MIXTURE

For Tennis-Courts, Croquet-Grounds, Bowling-Greens, Ball-Parks, Etc.

It quickly forms an indestructible turf, smooth, firm, elastic, standing wear and tear of outdoor games. Under congenial conditions it will be ready for mowing four weeks from sowing, and in six weeks ready for playing.

Holmes' "Tough Sod" Grass seed is a blend of grasses especially suited for the making of grass tennis-courts, croquet-grounds, bowling-greens, etc. The turf required for outdoor sports must be closely interwoven, firm, elastic, smooth, and durable to stand the wear and tear. These requirements are met in Holmes' "Tough Sod" Mixture, which is composed of native and acclimated foreign fine-leaved, fibrous, deep-rooting grasses that spread and intermingle, the seeds of which are blended in the proper proportions to form and maintain a tough, matted sward, constantly green, even in dry weather. These varieties of grasses, being slow-growing and fine-leaved, require to be sown liberally if a playing turf is desired quickly; not less than one quart should be used for 300 square feet, or five bushels per acre; half that quantity will do for renovating. **Qt. 30 cts., 4 qts. 75 cts., peck \$1.35, bus. of 20 lbs. \$5, prepaid.**

HOLMES' SPECIAL GRASS MIXTURE For Permanent Pasture and Hay

Our famous mixture is becoming more generally used each season by progressive and successful farmers who desire an abundance of hay and permanent pasturage. This mixture is made up of the grasses best calculated to afford an abundant and nutritious food-supply for stock, and its formula is based upon years of successful experience. It thrives well on all soils and is not seriously affected by the different climatic conditions. Will outyield timothy and will thrive in soils where the latter fails. Not only does it produce an abundance of hay, but will give an excellent pasturage after it has been cut. In many cases it will produce two crops a season, whereas from timothy alone you can cut but one. If your fields are old and worn out, it will pay you to plow up and seed again, when you will soon be cutting heavy crops from **Holmes' Permanent Pasture Mixture.** Sow 3 to 4 bushels to the acre, or half this amount in established pasture. In ordering, state whether for light or heavy soil. Should you desire a **Special Mixture** for renewing old pasture, etc., write us and we will give information. **Lb. 25. cts., bus. of 15 lbs. \$3, 5 bus. \$13.75, 10 bus. \$26, 25 bus. \$62.50, 50 bus. \$120, prepaid.**

WHOLESALE PRICES OF
Holmes' Tested Vegetable Seeds

FOR MARKET-GARDENERS AND FARMERS' CLUBS

The seeds offered by Holmes Seed Company are nearly always superior to all others that can be had. They are the very best the soil can grow—not only in Pennsylvania or in America, but in Europe or anywhere in the world. Experience and accurate knowledge enable us to know what is good, and we choose with the greatest care every bit of seed we sell, and bring it from wherever it is grown, no matter what the distance.

We have marked with capital letters the varieties we consider the best of their respective types for general cultivation. The prices of seeds by weight or measure are net, ½ pound or ½ bushel supplied at pound and bushel rates. All Vegetable Seeds by the packet, ounce, ¼ pound and pound are quoted postpaid. On Beans, Peas and Sweet Corn, postage must be added at the rate of 7 cts. per quart, if you live outside the 2nd zone. If, however, your order runs 20 pounds or over, and you live less than 150 miles from Harrisburg, then use the parcel-post table which is given in full below. Full explanations are given with it. Should you, however, send too much money to cover postage or parcel post, the excess will be returned to you.

Regarding Domestic Parcel Post Within the United States and Possessions

Alaska, Canal Zone, Guam, Hawaii, Porto Rico and the Philippines.

Fourth Class Mail Matter, which now includes Seeds, Plants, Bulbs, Roots, Books, Tools, Insecticides, in dry and paste form, Odorless Fertilizers and Requisites, may now be forwarded by **Domestic Parcel Post** within the United States and possessions at the Zone Rates printed below.

The Maximum Weight allowable to the 1st and 2nd zones is 50 pounds, and to all other zones it is 20 pounds.

The Size of Parcel must not exceed 6 feet (72 inches) for combined length and largest girth.

Insurance on Parcel-Post Packages against loss may now be effected by us for value up to \$25 for 5 cts., and up to \$50 for 10 cts., if customer so requests and remits for it.

We Can Forward by Parcel Post "C. O. D." up to \$100 for goods, to all money-order post offices, collection charges 10 cts. extra, which includes insurance up to \$50; but we must request a remittance with the order of 25 per cent of the value of the goods; the balance due being collected on delivery.

When Mailable Goods (that we do not offer to deliver free) are wanted by parcel post, postage must be added at the Zone Rates printed in the next column.

The Weights of All Things Mailable are given in our catalogue, to enable purchasers to calculate the total, and remit accordingly.

To Locate Your Zone from Harrisburg, refer to a Parcel-Post map, or estimate your air-line distance from Harrisburg, Pa. If in doubt, apply to your postmaster.

Express Shipments. In most instances heavier-weight parcels, particularly to distant points, go cheaper by express, as Seeds, Bulbs, and Plants are now carried at the second-class express rates, which have been materially reduced. Therefore, if convenient to an express office, better have shipments weighing 20 lbs. and over go by express.

DOMESTIC PARCEL-POST RATES On Seeds, Plants, Bulbs, Roots, Books, Tools, etc., within the U. S. and possessions	First pound or fraction	Each additional pound or fraction
First Zone—Harrisburg and within 50 miles of Harrisburg.....	5c.	1c.
Second Zone—within 50 to 150 miles of Harrisburg.....	5c.	1c.
Third Zone—within 150 to 300 miles of Harrisburg.....	6c.	2c.
Fourth Zone—within 300 to 600 miles of Harrisburg.....	7c.	4c.
Fifth Zone—within 600 to 1,000 miles of Harrisburg.....	8c.	6c.
Sixth Zone—within 1,000 to 1,400 miles of Harrisburg.....	9c.	8c.
Seventh Zone—within 1,400 to 1,800 miles of Harrisburg.....	11c.	10c.
Eighth Zone—all over 1,800 miles from Harrisburg.....	12c.	12c.

For Parcels Weighing 8 Ounces or Less, containing Seeds, Bulbs, Plants or Books **only**, the rate of postage to all zones is 1 ct. for two ounces or fraction. Over 8 ounces, the above zone rates apply.

For Parcels Containing Fourth-Class Matter—other than the above—up to 4 ounces is permitted to all zones at 1 ct. per ounce. Over 4 ounces the above zone rates apply.

ARTICHOKE

Artischoke Articiocca Karczocky

CULTURE.—May be grown from seed sown in April, or from suckers taken from established plants. The seed can be sown in beds and the plants transplanted to rows 4 feet apart, 18 inches between. Three ounces of seed will sow 100 yards of row.

LARGE GREEN GLOBE. Grown chiefly for unripe flower-heads; delicious.....
BY MAIL, POSTPAID Pkt. Oz. ¼lb.
\$0 05 \$0 25 \$0 85

ASPARAGUS

Spargel Sparagio Szparagi

CULTURE.—Sow in March or April, in rows 1 foot apart. When two years old transplant into permanent beds. Set the plants in rows from 3 to 4 feet apart and 2 feet in the row, and cover gradually during the season to 6 or 8 inches. On approach of winter cover with manure or straw. One ounce will sow 40 feet of drill.

ALL PACKETS 5 CTS., OZ. 10 CTS.

BARR'S MAMMOTH. Valuable for market; stalks large, tender, light.....	BY MAIL, POSTPAID ½lb. Lb.	\$0 15 \$0 60
COLUMBIAN MAMMOTH WHITE. New variety; valuable for its whiteness.....		15 60
CONOVER'S COLOSSAL. Mammoth; green; of largest size; extra good.....		15 55
GIANT ARGENTEUIL. Early; large; good; flavor superb; white.		20 75
PALMETTO. Thick, dark green shoots; early; uniform; disease-resisting.....		15 55

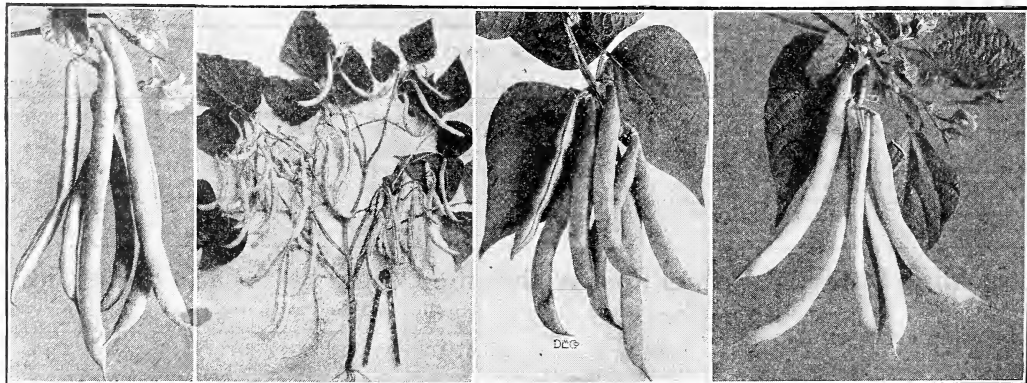
ASPARAGUS ROOTS

Two years old; 2,500 roots are required to plant an acre.

BARR'S MAMMOTH, and COLUMBIAN MAMMOTH WHITE.....	BY EXP. OR FRT. 100 500 1,000	NOT PREPAID
CONOVER'S COLOSSAL. Well-known variety.....	\$0 75 \$3 00 \$5 00	
GIANT ARGENTEUIL. Extra good; large.....	60 2 75 5 00	
PALMETTO, or ECLIPSE. Early, prolific.....	75 3 00 5 50	
	75 3 00 5 50	



Barr's Mammoth Asparagus



Bountiful Beans

Giant Stringless Valentine

B's Stringless Green-Pod

Round-Pod Kidney Wax

BEANS

Bohne Fagioli
Fasola

CULTURE.—About the first of May sow in rows 2 inches deep and 18 inches to 2 feet apart; beans 3 inches apart. Sow every two weeks for a succession until September. One quart to 100 feet of drill. One and a half bushels to the acre.

WE PUT UP LIBERAL-SIZED PACKETS AT 10 CTS., POSTPAID. READ PAGE 3.

DWARF GREEN-PODDED SNAP-SHORT

	BY EXPRESS OR FREIGHT NOT PREPAID. SEE PAGE 3			
	Pt.	Qt.	Peck	Bus.
BLACK VALENTINE. 30 days. Very prolific; vigorous grower; very early.....	\$0 20	\$0 35	\$2 00	\$7 50
BOUNTIFUL. 35 days. Flat-podded; best in its class; tender; stringless; early.....	15	25	1 75	6 50
BURPEE'S STRINGLESS GREEN-POD. 35 days. Early; stringless; fine-flavored; crisp, tender.	20	30	2 00	7 50
Dwarf Horticultural. 40 days. An excellent green-pod sort.....	20	30	2 00	7 50
Full Measure. 43 days. Straight, round, brittle, stringless pods; abundant.....	20	30	2 00	7 50
GIANT GREEN-POD STRINGLESS VALENTINE. 35 days. Absolutely stringless; unusually crisp; round, full, fleshy.....	20	30	2 00	7 50
Improved Round-Pod Red-speckled Valentine. 35 days. Earlier, more prolific than old Red Valentine.....	15	25	1 50	5 75
Keeney's Stringless Refugee. 40 days. Novelty. Perfectly stringless; quality very fine, and as prolific as the old 1,000-to-1.....	20	30	2 00	7 50
Large White Marrowfat. 60 days. For winter use.....	15	25	1 50	5 75
LONGFELLOW. 45 days. Perfectly round; early, prolific; pods solid, fleshy.....	15	25	1 75	6 25
Long Yellow Six Weeks. 35 days. Early, with full, flat green pods.....	15	25	1 60	6 00
Low's Champion Bush. 45 days. Exceedingly fine; prolific.....	15	25	1 60	6 00
NEW HODSON GREEN-POD. 45 days. Long, straight, round, green pods.....	20	30	1 60	6 00
Refugee, or 1,000-to-1. 50 days. Late, hardy, very productive.....	15	25	1 75	6 50
Refugee Extra Early. 35 days. Very prolific; exceptionally free from strings.....	15	25	1 75	6 50
Round Yellow Six Weeks. 40 days. Very prolific; semi-round pods.....	15	25	1 75	6 50
Tennessee Green-Pod. 58 days. Excellent shipper; medium to late; flat pods.....	20	30	2 00	7 50

DWARF WAX-PODDED SNAP-SHORT BEANS

Brittle Wax. 45 days. Entirely stringless; long and meaty.....	20	35	2 50	9 00
CURRIE'S RUST-PROOF WAX. 40 days. Crisp; tender; no stringiness; delicious flavor.....	15	25	1 75	6 50
DAVIS' WHITE WAX. 35 days. Immensely productive; pods tough, with decided strings. Dry white seed. Desirable as a shell Bean.....	20	30	1 75	7 00
Hodson Wax. 45 days. Sturdy grower; productive; a market Bean.....	20	30	1 85	7 25
Holmes' Improved Silver. 45 days. Pods silver-white; crisp; tender.....	15	30	1 85	7 25
Improved Rust-proof Golden Wax. 45 days. Improved strain.....	20	35	2 25	8 00
IMPROVED STRINGLESS REFUGEE WAX. 40 days. Very productive; golden yellow pods; solid, brittle, stringless; quite early.....	20	35	2 00	7 50
Michigan White Wax. 48 days. White-seeded Garden Wax.....	15	30	1 85	7 25
Pencil-pod Black Wax. 35 days. Pods long, pencil-like, tender and brittle.....	20	35	2 00	7 75
Perfection Wax. 50 days. Large, handsome pods; very showy.....	15	30	1 85	7 25
Prolific German, Black Wax. 40 days. Early; round, stringless; black.....	20	35	2 00	7 75
ROUND-POD KIDNEY WAX. 45 days. Long, round, stringless pods; solid, crisp; wonderfully early, productive.....	20	35	2 25	8 00
Saddleback Wax. 40 days. Entirely stringless; of fine quality.....	15	30	2 00	7 50
STRINGLESS WHITE WAX. 35 days. Straight wax pods; meaty; entirely stringless. Most desirable as shell Beans.....	20	35	2 25	8 00
Sure-crop Stringless. 40 days. Novelty. Resembles Currie's Rust-proof Golden Wax; perfectly stringless; very prolific. Extra fine.....	20	35	2 25	8 00
Wardwell's Kidney Wax. 40 days. One of the best large-podded varieties.....	20	35	2 25	8 50

MRS. MICHAEL RANK, Pine Grove, Pa., writes: "My Holmes' Emperor Celery is fine."

MRS. BERTIE BIGLER, Wellsville, Pa., writes: "I planted one pint of your Masterpiece Peas last spring. I never raised as many of any other variety. They were extra good. The Lettuce was also fine. The Asters were beautiful."

C. SHOLDER & SON, Williamsport, Pa., writes: "Inclosed please find our seventeenth yearly order for Holmes' seeds, which are the best that money can buy."

MRS. BENJAMIN MYERS, West Willow, Pa., writes: "I am very well pleased with the seed purchased of you; every seed came up. I will send you my order again for seed."



WE PUT UP LIBERAL PACKETS AT 10 CTS., POSTPAID. READ PAGE 3

WAX POLE BEANS

CULTURE.—After settled warm weather, set 4- to 8-foot poles in rows 4 feet apart, the poles being 3 feet apart in the row. Around each hill plant five to eight Beans 2 inches deep. When well started, thin to four plants and see that they all climb around the pole in the same way. One quart to 150 hills. 12 to 15 quarts to the acre.

	BY EXPRESS OR FREIGHT NOT PREPAID. SEE PAGE 3			
	Pt.	Qt.	Peck	Bus.
Early Golden Cluster Wax. 72 days. Early; thick; flat pods; prolinc.....	\$0 20	\$0 35	\$2 25	\$8 00
Kentucky Wonder Wax. 60 days. New. Fleshy and quite stringless as snaps; golden yellow; unexcelled.....	20	35	2 25	8 00

GREEN-PODDED POLE or RUNNING BEANS

Golden Carmine-podded Horticultural. Early; stringless.....	20	30	2 25	7 50
Horticultural, or Wren's Egg. 80 days. Best for corn Beans.....	20	30	1 75	6 75
LAZY WIFE. 60 days. Pods dark green; fleshy; entirely stringless; rich flavor. The dry Beans are excellent for Winter use.....	20	30	1 85	7 25
OLD HOMESTEAD, or KENTUCKY WONDER. 55 days. Pods green, 9 to 10 inches, and very crisp. Early and very prolific sort.....	20	30	2 25	8 00
WHITE CREASEBACK POLE. 65 days. Earliest green-podded Pole Bean for snap-shorts. Very productive. Pods fleshy, entirely stringless.....	20	30	1 85	7 00
White Dutch Case-knife. 80 days. Flat pods....	20	30	1 65	6 50

BUSH LIMA BEANS

Burpee's Bush Lima. 60 days. Bushes 18 to 20 inches; immense yielder.....	20	35	2 25	8 50
BURPEE IMPROVED BUSH LIMA. 55 days. Sturdy bushes loaded with enormous pods; very early.....	25	40	2 75	10 00
Dreer's Bush Lima. 65 days. Bush form of pole sort of same name.....	20	35	2 25	8 50
FORDHOOK BUSH LIMA. 60 days. Strong, erect, bush-like growth. Pods contain three to five large beans and average four.....	30	50	3 25	12 50
Henderson's Bush Lima. 60 days. True bush variety, 18 to 20 inches high; early.....	20	35	2 25	7 50

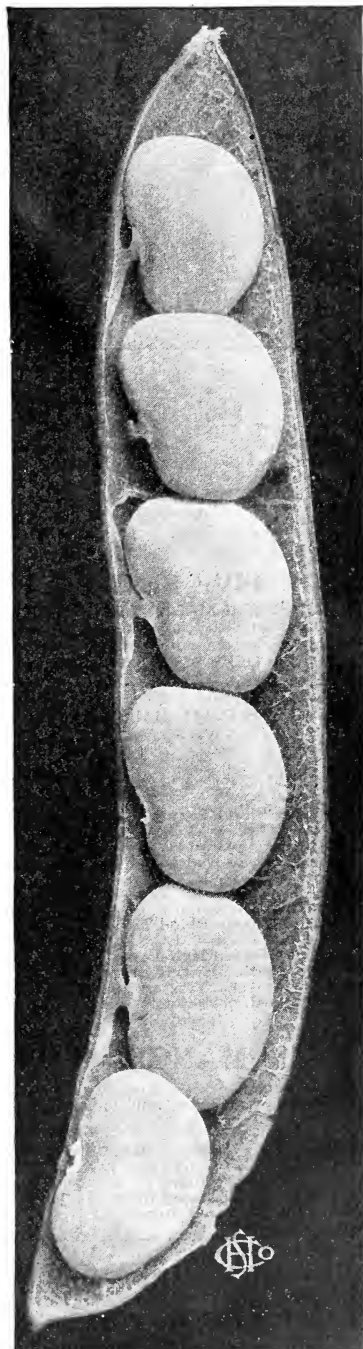
POLE LIMA BEANS

Carpinteria Lima. 90 days. Beans largest size and much thicker quality. Extra fine.....	20	30	2 25	7 50
Dreer's Improved Lima. 90 days. A thick, almost round Bean; fine quality.....	20	30	2 25	7 50
Extra-Early Jersey Lima. 80 days. Much earlier than the Large White Lima.....	20	30	2 25	7 50
HOLMES' GREEN PROLIFIC POLE LIMA. 80 days. Grows green, keeps green, and the only Lima Bean that is absolutely green when dried. Equals Early Jersey or any other variety for earliness, and is more productive than any other Pole Lima we have ever seen.....	25	40	2 50	9 00
King of the Garden Lima. 90 days. Very prolific and heavy bearer.....	20	30	2 25	7 50
Large White Lima. 90 days. The old favorite.....	20	30	2 00	7 50
Small White, or Carolina Sieva. 85 days. A small-seeding variety.....	20	30	2 00	7 50

DON'T FAIL TO TRY OUR SPECIAL COVER COLLECTION

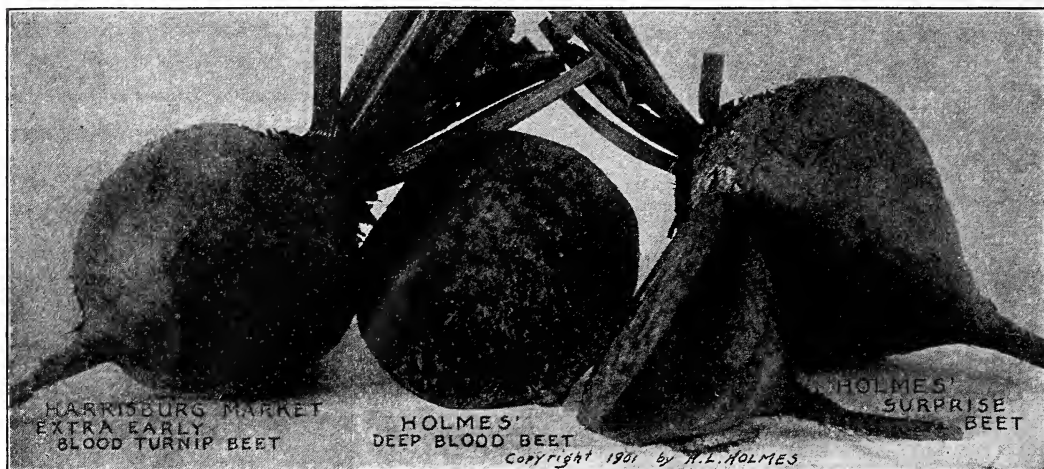
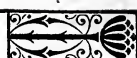
Holmes' Emperor Celery..... Pkt. 20 cts.
Holmes' Prolific Sweet Pepper..... Pkt. 15 cts.
Holmes' Everbearing Tomato..... Pkt. 15 cts.
50 cts.

One Packet each of these Three Grand Novelties for 35 cts., postpaid



Holmes' Green Prolific Pole Lima

IF YOU DESIRE YOUR SHIPMENT BY PARCEL POST, CONSULT THE TABLE ON PAGE 3



BEETS Salat-Rübe Barbabietola Buraki

CULTURE.—The soil should be rather light and thoroughly enriched with manure. Sow in spring as soon as the ground becomes fit, in rows about 1 foot apart and 2 inches deep. For main crop sow first week in May; for winter sow in June. Thin to 5 or 6 inches. Sow one ounce to 50 feet of drill; five pounds to the acre.

Our selected stocks of Beets are uniform and of fine quality. French-grown Beet seed is far superior to that grown in America, producing Beets that are uniform in every respect. Ours is French.

ALL GARDEN BEETS, PKT. 5 CTS., OZ. 10 CTS.

FIVE BEST BEETS FOR MARKET-GARDENERS

	POSTPAID.	5 lbs. and over	
HARRISBURG MARKET BLOOD TURNIP. 42 days. Single tap-root; smooth skin, rich, tender flesh. $\frac{1}{4}$ lb.	Lb.	per lb.	
Considered the earliest and handsomest Beet.....	\$0 40	\$1 50	\$1 25
HOLMES'. 42 days. Extremely early; perfect globe-shape; tender, blood-red flesh of finest quality.....	40	1 50	1 25
HOLMES' DEEP BLOOD TURNIP. 50 days. Early; deep blood-color; small tops.....	35	1 25	1 15
HOLMES' EARLY SURPRISE. 50 days. Extra-early Blood Turnip Beet; rich blood-red; fine grain and delicious flavor.....	35	1 25	1 15
HOLMES' SPECIAL HALF-LONG. 60 days. New. Darkest half-long, blood-red Beet grown; sweet; tender; excellent keeper.....	40	1 50	1 25

GENERAL LIST OF GARDEN BEETS

Bastian's Blood Turnip. 50 days. Second-early, following Egyptian and Eclipse.....	35	1 10	1 00
Crimson Globe. 45 days. Early; medium size, tender and sweet; good keeper.....	40	1 35	1 25
Crosby's Egyptian. 42 days. One of the best for early planting; excellent sort.....	40	1 35	1 20
Dewey's Improved Blood Turnip. 50 days. Flesh strongly zoned; fine quality.....	35	1 10	1 00
Detroit Dark Red. 50 days. Valuable strain of turnip-shaped Beet; medium size.....	35	1 10	1 00
Early Blood Turnip. 45 days. Follows Eclipse in earliness; quality excellent.....	35	1 10	1 00
Early Eclipse. 45 days. Roots nearly globular; very sweet, crisp and tender.....	35	1 10	1 00
Edmand's Early Blood Turnip. 45 days. Roots dark red, crisp, tender and sweet. For early or late... Egyptian. 45 days. Extra early; roots round and flattened; good size.....	35	1 10	1 00
Ford's Perfected Half-Long. 65 days. Roots remarkably uniform; very deep red.....	35	1 10	1 00
Long Smooth Blood-Red. 70 days. Excellent late variety, intense dark red.....	35	1 10	1 00
Model. 45 days. Very early; blood-red; sweet and tender; small.....	35	1 10	1 00
Swiss Chard, or Spinach Beet. Leaf-stalks are used like asparagus.....	40	1 40	1 25

MANGEL-WURZELS and SUGAR BEETS Futter Rüben

CULTURE.—Sow in rows 2 feet apart, 2 inches between seeds, thinning later to 12 to 15 inches. For stock-feeding. Long varieties do best in deep soil; round sorts in sandy soil. Five to six pounds will sow an acre.

ALL MANGEL-WURZELS, OZ. 10 CTS.

	POSTPAID.	5 lbs. and over	
	Lb.	per lb.	
Golden Giant Intermediate. 110 days. Keep well; grows more than half above ground.....	\$0 45	\$0 40	
Golden Tankard. 95 days. Distinct; highly prized by dairymen.....	45	40	
Lane's Imperial Sugar Beet. 85 days. American sort; productive.....	45	40	
Mammoth Prize Long Red. 115 days. Enormously productive.....	45	40	
Vilmorin Improved Sugar. 85 days. Not so large as others, but has as much sugar.....	45	40	

BROCCOLI

Spargelkohl Cavol broccolo Brokuly

CULTURE.—Same as cauliflower. One ounce will sow a bed 40 feet square.

Early Purple Cape. 95 days. Heads of medium size, compact, brownish purple, somewhat coarser in grain than cauliflower, but of very fine flavor. Pkt. 5 cts., oz. 35 cts., $\frac{1}{4}$ lb. \$1, lb. \$3.75.

BRUSSELS SPROUTS

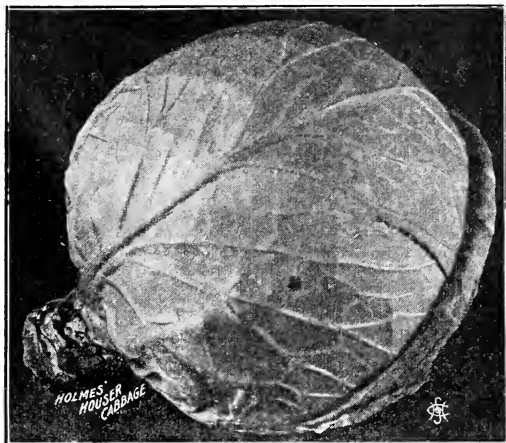
Sprossen-Kohl Cavolo di Bruxelles Latorvil

CULTURE.—The seed should be sown in April or May, and the plants cultivated like cabbage; the heads are improved by frost. An ounce will produce 2,000 plants.

Paris Market. 125 days. Dwarf, small, solid, tender heads, close along stem. Pkt. 5 cts., oz. 20 cts., $\frac{1}{4}$ lb. 50 cts., lb. \$1.50.



Copenhagen Market Cabbage



Holmes-Houser Cabbage

CABBAGE PURE AMERICAN-GROWN TESTED SEED

Kopfkohl

Cavolo cappuccio

Kopusta

For years we have given the selection of Cabbage seed particular attention. We have selected only such varieties as are certain to be of great value to all growers. Our seed is from stocks carefully selected and tested on Long Island.

CULTURE.—Sow in hotbeds in February, or still better, from September 10 to 20, and winter the plants over in a coldframe. Transplant, March 15 to April 15, about 20 inches apart, in rows 2 feet apart. For second-early crop, sow seeds of early kinds early in April and plant out in May. For a late crop, sow early in May and plant out in July, the plants 2 feet apart in rows 3 feet apart. One ounce will produce 1,500 to 2,000 plants.

ALL PKTS. 5 CTS., EXCEPT WHERE NOTED

TWO FAMOUS CABBAGES OF GREAT MERIT

The Holmes-Houser, or "H-H" Cabbage (120 days)

Noted for its Fine Grain, Smallness of Heart and Keeping Qualities

MARKET-GARDENERS' IDEAL. A CABBAGE WHICH HAS WEIGHT AND SIZE

Introduced by Holmes Seed Co. fourteen years ago, and has grown into popular favor. No other late variety can approach it in quality, size, productiveness, smallness of heart and good keeping qualities. Our original stock produced heads exactly like the illustration, and it is remarkable what enormous crops are produced from this variety.

To protect the public this year from unscrupulous dealers who claim to have the originator's stock, we will sell this seed only in sealed packages. Look for the seal on every package, and make your dealer show you our seal with our name on it.

A WARNING. It is absolutely necessary to plant out the **Holmes-Houser** Cabbage two weeks earlier than any other late sort, as it requires this much longer to mature than the Flat Dutch types or any other late variety.

Prices of Holmes-Houser Cabbage, Originator's Stock, in Sealed Packages only: Pkt. 10 cts., oz. 35 cts., 1/4lb. \$1.25, lb. \$4, by mail, postpaid. Crop short.

The crop of Cabbage this year was very short. We would warn you against seed offered as Holmes-Houser by many unscrupulous dealers.

Copenhagen Market (70 days)

Offered for the First Time in 1911. It Proved to be the Best Early Cabbage from Denmark. Remember, as Early as the Charleston Wakefield

A valuable new, early Cabbage, producing round, hard heads very early in the season. As early as the Charleston Wakefield. It is the most popular early Cabbage in the markets of Copenhagen. Market-gardeners here who tried it for the first time last season are simply crazy about it on account of its extreme earliness and solid, ten-pound heads, with a small core and always of excellent quality. The plants are short-stemmed, producing heads almost on the ground. The light green leaves are medium in size, saucer-shaped, and are always tightly folded; the plants may therefore be set closer than most other early varieties. It is a vigorous grower and yielder, as are all Cabbages from Denmark, and an excellent keeper. Our stock of Copenhagen Market comes to us direct from the originator. See cut. **Pkt. 10 cts., oz. 40 cts., 1/4lb. \$1.50, lb. \$4.50.**

EXTRA-EARLY VARIETIES

	BY MAIL, POSTPAID		
	Oz.	1/4lb.	Lb.
Allhead Early. Flat head, coming in with Early Summer; much larger.....	\$0 20	\$0 50	\$1 75
Early Charleston Wakefield. Largest early Cabbage, which was bred from the Early Jersey Wakefield..	20	60	2 00
Early Jersey Wakefield. (Holmes' Special Strain.) Pyramidal heads with blunt peaks; remarkably solid..	20	60	2 00
Early Spring. New. Earliest round, flat-headed; quality unexcelled.....	35	85	2 50
Early Winnigstadt. Medium early, large, pyramidal heads; excellent.....	20	50	1 75
Early York. Very early, producing small, oval-shaped heads.....	15	50	1 75
NEW LARGE HOLMES' EARLY. Heads are large, globe-shaped, finely ribbed, and of a yellowish green color; as early as Jersey Wakefield. Also known as No. 138.....	35	1 00	3 00

PACKETS OF ALL THE FOLLOWING VARIETIES, 5 CTS.

SECOND-EARLY or SUMMER CABBAGE

	BY MAIL, POSTPAID	Oz.	¼lb.	Lb.
All Seasons (Vanderkaw). One of the finest.....	\$0	20	\$0 75	\$2 00
Early Summer. Large, solid head; about ten days later than Jersey Wakefield.....		20	75	2 00
Fottler's Improved Brunswick. Heads large, flat, solid; sure-header.....		20	75	2 00
Glory Enkhuizen. Round; early; extra fine; good size.....		20	75	2 00
Stein Early Flat Dutch. Excellent variety for winter use.....		20	75	2 00
Succession, Henderson's. Conceded to be the grandest Cabbage in existence for either summer or winter use.....		20	75	2 00

LATE or WINTER VARIETIES

Autumn King, Henderson's. Enormous, solid heads; interior crisp, fine grained, white; splendid keeper.	25	85	2 50
DANISH BALLHEAD or HOLLANDER. Has few equals for winter use. Heads round, 8 to 10 inches in diameter.....	20	65	2 00
DANISH ROUNDHEAD. Heads unusually solid, beautifully white when trimmed; splendid keeper; good variety to ship; short stem.....	20	65	2 00
DANISH RED STONEHEAD. Vigorous, hardy, sure-heading; large, solid, heavy, dark red clear through.	35	1 00	3 50
Holmes' Perfection Late Flat Dutch. Our improved strain of this Cabbage will be found very superior.	20	75	1 75
Perfection Drumhead Savoy. Largest heading; home use and marketing.....	20	75	1 75
Red Dutch. For pickling.....	20	75	1 75
Short-stem Drumhead. Selected strain; ripens early.....	15	60	1 75
Surehead. Fine, large, solid heads with few outside leaves.....	20	75	1 75

CARROTS Möhre Carota Marchew

CULTURE.—A well-enriched sandy loam is the best for this crop. Market-gardeners sow in rows about 18 inches apart. For field culture, sow in rows from 3 to 5 feet apart. One ounce will sow 100 feet of drill; four pounds to the acre.

ALL PACKETS 5 CTS., OZ. 10 CTS.

	BY MAIL, POSTPAID	¼lb.	Lb.
Chantenay Half-Long Scarlet. Stump-rooted; medium early.....	\$0	25	\$1 00
Danvers Half-Long. Dark orange; good quality, with but little core.....		25	1 00
Early French Forcing. The earliest; small, almost globular; orange-red.....		25	1 00
Early Half-Long Scarlet. Skin smooth; flesh red; extra fine.....		25	90
Early Scarlet Horn, or Short Horn. Fine table Carrot; excellent for soup when young.....		25	90
Long Orange Improved. Improved strain for garden or field culture.....		25	80
Long Red Altringham. Medium size and best for home gardens.....		25	80
Oxheart, or Guerande. Smooth; about 6 inches long; fine quality.....		25	90
Rubicon Half-Long. Popular standard-early, deep red, earlier than Danvers.....		25	90
St. Valery, or Intermediate. Very choice. It is called the "Pointed-rooted Danvers".....		25	85
White and Yellow Belgian. Used principally for stock.....		15	60

CAULIFLOWER

Blumenkohl Cavolfiore Kalafiori

CULTURE.—For spring and early summer crop sow in March or early in April in hotbed; transplant to coldframe when sufficiently large, and to open ground as soon as danger of frost is over. For late crop sow at the same time as for late cabbage. One ounce of seed will produce 1,000 plants.

Dry-Weather Cauliflower

Reaches Perfection when Ordinary Sorts Fail

This new strain originated in Denmark, but has been fully tested in America with the most happy results. We offered it in 1907 for the first time, and are well satisfied with its behavior. It produces a large, solid, pure white head, maturing a little later than Snowball. It is in all respects a first-class Cauliflower, but is especially and peculiarly adapted to dry situations and to resisting the effects of droughts. See illustration. Pkt. 15 cts., ¼oz. 50 cts., oz. \$2, ¼lb. \$6, lb. \$20.

	BY MAIL, POSTPAID	Pkt.	Oz.	¼lb.	Lb.
EXTRA-EARLY DWARF ERFURT. Good-sized heads; fine for open-ground fall crop.....	\$0	15	\$2 00	\$6 00	
HOLMES' IMPROVED EARLY SNOWBALL. A grand Cauliflower. For forcing, coldframe, or open ground.....		15	2 00	6 00	
VEITCH'S AUTUMN GIANT. A large-growing, late variety; splendid white heads.....		05	50	1 50	

ELIZABETH M. KAUFFMAN, Millersville, Pa., writes: "Inclosed in another package you will find a stalk of Holmes' New Emperor Celery. I find it a good, strong grower. I started it under very unfavorable circumstances, having had very little rain. Later in the season we had a rain and it then grew strong and very tender and crisp; the flavor is fine. It is a good keeper."

HOOVER BROTHERS, Duncannon, Pa., write: "We desire to inform you that the seed we purchased from you last year for the first has proved far beyond our expectations. This phrase hardly goes far enough, for we never saw or had such vegetables in all our experience. The Evergreen Corn is perfection itself. We are sending you a few samples of this Corn which were not selected as to size, and these samples will show the crop as it runs all through, and if anyone can beat this Corn we would like to meet them. You state that your Premo Corn was not a very large-eared Corn for an early variety, but you do not do this Corn justice, for we had Premo in earlier than any other gardeners in this section this season, and sold it for 35 cents per dozen—all that we had. You can rely on our trade in the future for we would not make a change. Father is also very much pleased with the results he secured, and no doubt you will hear from him."



Especially adapted to resist drought

Danish Giant or Dry-Weather Cauliflower

CELERY

Sellerie Sedano Selery

CULTURE.—Sow in a finely prepared seed-bed, and keep the bed moist. In setting, prepare shallow trenches, 6 inches deep and 4 to 6 feet apart, the plants 6 inches apart, cutting off the outer leaves and pressing the soil firmly about the roots. Good plants may be set out as late as the middle of August. One ounce of seed will produce 4,000 plants; one pound will produce sufficient plants for an acre.

These grow quickly, blanch easily and are especially adapted for fall and early winter use.

ALL PACKETS 5 CTS., EXCEPT WHERE NOTED

Holmes' New Green Celery, Emperor

INTRODUCED BY US IN 1912

The finest-flavored, most brittle Celery ever grown. See Front Cover

One of the largest seedsmen of the country said, "It is the greatest novelty that has been introduced since the introduction of the Burpee's Bush Lima Beans."

For seven years we have been selecting this seed, and growing from individual specimens to firmly establish the good qualities as given below:

First: To retain the flavor which, in the green state, is as fine as when bleached.

Second: Solidity, free from the hollowness so often found in many Celeries.

Third: The stems, instead of being moon-shaped, we have been breeding to as near round as is possible, and are found only in "Holmes' Emperor," a distinguishing characteristic not found in other sorts, and is fully established. When we say it **surpasses every Celery known, you can rest assured we know.** The market-gardener who grows Holmes' Emperor will find a ready sale for it. See testimonials below from unsolicited parties.

H. S. LERCH, Hawthorn, Pa., writes: "The Emperor Celery did very well indeed, for me. In truth, it is par excellence in all the good qualities combined that can possibly unite in making it a crowning Celery, having above all Celeries grown. Its special points of merits are that it is of large size, being crisp, tender, sweet, brittle, solid, juicy and of the highest flavor of any other variety of the twenty-five best kinds I have grown for the past sixteen years. In short, it is perfection above any and all other Celery varieties."

Price of seed, put up in sealed packages, pkt. 20 cts., 3 pkts. 50 cts., 1/2oz. \$1.75, oz. \$3, 1/4lb. \$10, lb. \$30



Emperor Celery

EARLY VARIETIES

	Pkt. 10 cts.	Oz.	1/4lb.	Lb.
Golden Self-blanching. American stock		\$0 40	\$1 50	\$4 50
HOLMES' SELECTED WHITE PLUME. Earliest variety grown; can be blanched for the table in September.		25	75	2 25
IMPROVED GOLDEN SELF-BLANCHING. (Selected.) French stock. Valuable early variety; flavor rich.	Pkt. 15 cts.	2 00	6 75	25 00
NEW COLUMBIA. Early-maturing, stocky and heavy. Resembles Golden Self-blanching		25	85	3 00
IMPROVED SNOWWHITE. New. Pure white, self-blanching variety; rich flavor; heavy.		30	75	2 75

SECOND-EARLY, LONG-KEEPING AND WINTER VARIETIES

Dwarf Golden Heart. Large heart; solid stalks, blanching golden yellow	20	50	1 75
GIANT PASCAL. Desirable green winter Celery, long-keeping; robust, healthy, stocky. 2 feet high	20	60	1 75
Giant White Solid. Sold as Large-ribbed Kalamazoo. Compact-growing variety	20	50	1 75
Perfection Heartwell. Splendid for late use; excellent keeper; fine flavor	25	75	2 25
Winter Queen. Best late or winter keeper; ribs thick; very solid	25	75	2 25
Soup Celery. (Old seed.) Excellent for flavoring	05	10	40

COLLARDS

Georgia. A substitute for cabbage, grown in the South. Leaves, when cooked, are tender and delicate. Pkt. 5 cts., oz. 10 cts., 1/4lb. 25 cts., lb. 75 cts., by mail, postpaid.

CORN SALAD

Feldsalat Rabinschen

Large-leaved Feticus, or Lamb's Lettuce. For late fall, winter and spring. Used as a substitute for lettuce. Pkt. 5 cts., oz. 10 cts., 1/4lb. 15 cts., lb. 55 cts., by mail, postpaid.

CHICORY

Cichorienwurzel Cicoria selvatica Cukorya

Large-rooted, or Coffee. Largely used as an adulterant or substitute for coffee. Oz. 15 cts., 1/4lb. 35 cts., lb. \$1, by mail, postpaid.

CELERIAC

(Turnip-Rooted Celery)

Knoll-Sellerie Sedano-rapa Brukwiana

Large, turnip-like roots which keep well for winter use. Fine cooked, for flavoring soup or sliced and used as a salad.

Large Smooth Prague. Almost round, uniform; smooth-skinned; free from side roots. Pkt. 5 cts., oz. 30 cts., 1/4lb. \$1, by mail, postpaid.

CRESS

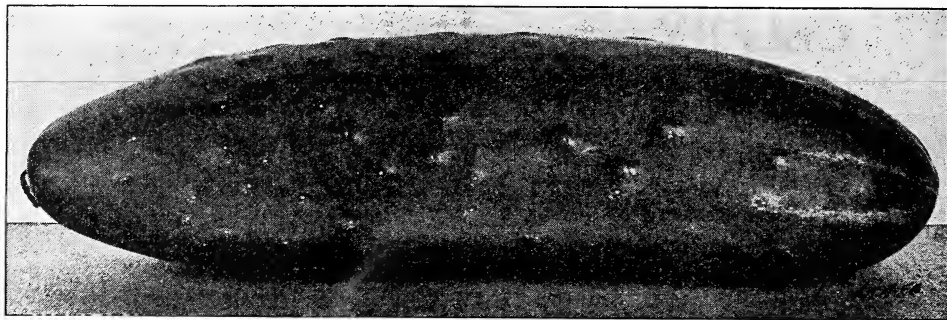
Gartenkresse Agretto Rzerzucha

Fine Curled (Pepper-Grass). Quick-growing, crisp, pungent, refreshing. Pkt. 5 cts., oz. 10 cts., 1/4lb. 15 cts., lb. 45 cts., by mail, postpaid.

Water Cress. Seed may be started in pans or boxes of very moist earth, and the young plants transplanted to shallow water along banks of ponds or running streams. Pkt. 5 cts., oz. 30 cts., 1/4lb. 85 cts., lb. \$2.75, by mail, postpaid.

MRS. LILLIAN FUHRMAN, Landisville, Pa., writes: "The Emperor Celery is fine. I never grew Celery so tender. It is very crisp and stringless; also a very rapid grower."

MRS. G. W. WEST, Lorentz, W. Va., writes: "The Emperor Celery seed received from you was just fine. Everyone that tasted it said it was the best thing they ever ate."



Holmes' Special White Spine Cucumber

CUCUMBERS

Gurke Cetriulo
Ogorek

CULTURE—An ounce will plant about fifty hills. Sow about first of May, in turned-over sods or small pots, which can be bedded in the soil in the frames, and use little bottom heat. Transplant to open ground in three or four weeks, plants 3 or 4 feet apart each way, four strong plants to each hill. Two to three pounds per acre.

PKT. 5 CTS., OZ. 10 CTS., EXCEPT WHERE NOTED

BY MAIL POSTPAID

	1/4 lb.	1 lb.
Cool-and-Crisp. Extra-early, tender and crisp, and a grand pickler.....	\$0 25	\$0 75
DAVIS PERFECT. A forcing variety of excellent quality, shape and productiveness.....	30	1 00
Early Cluster. An early, prolific, prickly, short green variety.....	25	85
Early Frame, or Short Green. For slicing or pickling; productive; early.....	25	85
Everbearing. Form perfect; rich deep green; desirable for pickling.....	25	90
Extra-Early Green Prolific. Ideal for pickling.....	25	75
Extra-Early Long Green. Very early and prolific.....	30	1 25
HOLMES' IMPROVED ARLINGTON WHITE SPINE. Early; very productive; fruit good size, straight and well formed.....	30	1 00
HOLMES' PERFECT JERSEY PICKLE. Produces more dark green pickles than any other we ever tested.....	35	1 25
HOLMES' SPECIAL WHITE SPINE. New. Finest strain we ever tested; dark green, straight and does not turn yellow; very early.....oz. 20 cts...	50	1 75
Improved Long Green. Fruits 12 to 14 inches long; firm; crisp; excellent.....	35	1 25
Klondyke. An exceedingly productive variety; dark green in color.....	35	1 25
Japanese Climbing. Ornamental variety.....pkt. 10 cts., oz. 40 cts...	1 25	
Livingston's Emerald. Large, smooth, deep green.....	40	1 50
Nichol's Medium Green. Very productive; unsurpassed for pickling.....	25	90
West India Gherkin, or Burr. Small, prickly fruits; best for pickles.oz. 20c..	60	2 00

SWEET, or SUGAR CORN

Zuckermals Grano turco Kukurudzsa

CULTURE.—Sugar Corn requires a good soil and a warm situation. Begin for first early by planting the early varieties about May 1, and for a continuous supply all summer make plantings about two weeks apart, from May 1 until late July, first planting early varieties, then later ones. Plant in rows 3 feet apart each way. One quart for 200 hills, eight to ten quarts in hills for an acre.

LIBERAL PKTS., 10 CTS. EACH, EXCEPT WHERE NOTED

Holmes' Early Prolific Sweet Corn

The Largest, Earliest, Most Prolific Sweet Corn Grown

This valuable novelty in Sweet Corn, which has been known only as "No. 86," we have named **Holmes' Early Prolific Sweet Corn**. This Corn was originated by the world's renowned wizard, Luther Burbank, and it speaks for itself. The grower in writing us as to his description, says as follows, which corresponds with our own tests made.

"As to the advantages this Corn has over others:

"1. Uniformity. This Corn has been selected with extremest care, under my personal supervision, for many years, so that it is a remarkably uniform Corn.

"2. The ears are unusually large, more so than any other early variety, and the Corn is plump, sweet and white for a very early sort.

"3. It is unusually prolific, producing far more to the acre than any of the early Corns, as I have selected it for bearing two well-filled-out ears to a stalk.

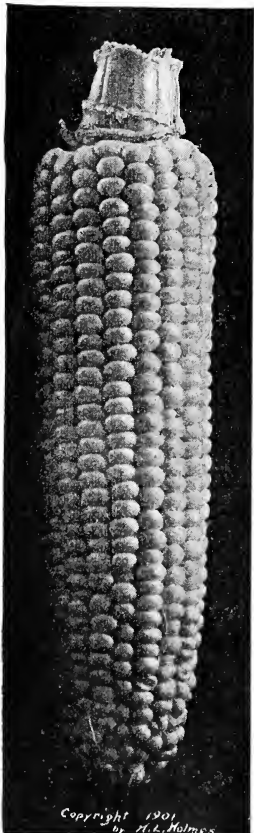
"4. It is the earliest Corn of good, marketable size that I know of in the world.

"Since starting this letter a leading market-gardener has called at this office and brought me samples of this Corn from his field. He says that from one-quarter acre he has been shipping 250 dozen ears a day for the last eight days, and is still shipping. He considers this the best Corn he has ever grown for an early variety, and the most prolific. He is probably the best Corn expert we have, and grows a number of varieties, being acquainted with about all of the leading kinds. He was from Maryland originally."

Pkt. 15 cts., 2 pkts. 25 cts., pt. 35 cts., qt. 60 cts., 4 qts. \$2.25, pk. \$4, delivered by parcel post anywhere in the United States.

C. W. C. NIPPES & SON, Black Lick, Pa., write: "During the spring of 1913 we purchased three packages of Holmes' Emperor Celery seed, and it certainly was fine. The eating quality of the Celery is exceptionally good."

A. G. BLAUVELT, Martinsville, N. J., writes: "All of your seeds and plants have done fine this year, and I am more than pleased with the results obtained, as everything was fine and true to name. I would also like to thank you for your very liberal policy of adjustment."



Holmes' Early Prolific Sweet Corn



LIBERAL PACKETS AT 10 CTS. EACH, EXCEPT WHERE NOTED

FIRST-EARLY SWEET CORN

	BY EXPRESS OR FREIGHT NOT PREPAID. SEE PAGE 3			
	Pt.	Qt.	Peck	Bushel
Early Adams, or Burlington. Robust; early; productive; handsome ears for marketing, but of inferior quality.....	\$0 15	\$0 25	\$1 00	\$3 50
Early Minnesota. Standard early of dwarf growth, coming in between Cory and Crosby's; ears fair size, good quality.....	15	25	1 25	4 50
Extra-early Dwarf Adams. Not Sweet Corn. Small ears.....	15	25	1 00	3 75
GOLDEN BANTAM. Deep yellow, very early, tender and sweet; entirely different from any other.	20	35	1 75	6 50
HOLMES' PREMO. One of the earliest and best Sweet Corns in existence. Tender, sweet, deliciously flavored.....	15	25	1 50	5 50
Kendell's Early Giant. Large, handsome ears; ready in 70 days.....	15	25	1 35	5 00
Peep-o'-Day, New. Good early variety.....	15	25	1 35	5 00
White-Cob Corn. Extremely early, usually fit to use in from 50 to 60 days; ears 6 to 7 inches; milky white kernels; sweet, tender; plants dwarf.....	15	25	1 35	5 00

MEDIUM-EARLY VARIETIES

Black Mexican. Medium early; 8-inch ears, well filled with large kernels which, though black when ripe, are white when young and then exceptionally sweet.....	15	25	1 25	4 50
Clark's Nonesuch. Best large-eared second-early.....	15	25	1 35	4 75
Crosby's Early. Second-early; of fine quality.....	15	25	1 25	4 50
Early Mammoth, or Asylum. Much earlier than Late Mammoth.....	15	25	1 25	4 50
HOLMES' DELICIOUS SWEET. Medium-early. New, distinct and delicious variety. Will grow ready for market in 70 days. An excellent home variety.....	20	35	1 75	6 50
HOWLING MOB. New. Second-early; large ear; superior quality.....	20	35	1 50	5 50
Morse's Golden Cream Sweet. A cross of Country Gentleman and Golden Bantam. Early; tender and sweet.....	20	35	1 75	6 50
New Early Evergreen. Ears as large as Stowell's; 10 days earlier.....	15	25	1 25	4 75
Perry's Hybrid. Second-early; large white kernels; sweet; tender.....	15	25	1 25	4 50
Shakers' Early. Very large, white grains; early; productive.....	15	25	1 25	4 50

LATE or MAIN-CROP VARIETIES

Country Gentleman (Shoe-Peg, or Ne Plus Ultra). Ears 8 to 9 inches long; cob small and irregularly crowded with pearly white kernels of great depth, surpassingly sweet and tender.....	15	25	1 50	5 25
Henderson Sugar. An ideal midseason Sweet Corn.....	15	25	1 50	5 25
HOLMES' TOP-NOTCH. Delicious flavor. Ears from 10 to 12 inches long. Fodder good and strong.....	15	25	1 50	5 25
Pop Corn, Field Corn and Fodder Corn. See Field Seeds.....				
STOWELL'S EVERGREEN. The standard late, for home, market and canning; kernels long, tender and sugary.....	15	25	1 35	4 75
WHITE EVERGREEN. A high-bred, ideal type of Stowell's Evergreen with all its points of merit.	15	25	1 50	5 00
Zig-Zag Evergreen. Good-sized ear; deliciously sweet.....	15	25	1 25	4 75

DANDELION

Lowenzahn Dente di leone Papawa

Leaves make a fine early spring salad. Cultivated sorts are larger and better flavored than those growing wild. Pkt. 5 cts., oz. 25 cts., 1/4 lb. 60 cts., lb. \$2, by mail, postpaid.

EGGPLANT

Eierpflanze Petronciano Jajokowa

CULTURE.—Sow the seed in hotbed about March 1, transplant to 4 inches apart, and when the plants grow thick, transplant to 8 inches apart. Set in the field about May 20. One ounce produces about 1,000 plants.

Black Beauty. The earliest variety that grows to a good size. Pkt. 10 cts., oz. 35 cts., 1/4 lb. \$1, lb. \$3.50, by mail, postpaid.

New York Improved Purple. Fruits very large; perfectly formed; fine quality. Pkt. 10 cts., oz. 30 cts., 1/4 lb. 80 cts., lb. \$3, by mail, postpaid.

ENDIVE

Endivien Indivia Endiven

CULTURE.—For early use, sow in May, in rows 10 inches apart. For succession all summer, plant as much later each time as you wish it to bear. It will do well till midsummer. One ounce will sow a row of 150 feet.

Broad-leaved Batavian. Large heads of broad, thick leaves. Pkt. 5 cts., oz. 15 cts., 1/4 lb. 35 cts., lb. \$1.25, by mail, postpaid.

Green Curled. Crisp, dark green leaves; the hardest. Pkt. 5 cts., oz. 15 cts., 1/4 lb. 35 cts., lb. \$1.25, by mail, postpaid.

HOLMES' WINTER GOLDEN HEART. Exceedingly hardy; heads finely curled, pure golden yellow leaves. Pkt. 10 cts., oz. 25 cts., 1/4 lb. 75 cts., lb. \$2.25, by mail, postpaid.

White Curled. Leaves pale green. Does not require blanching. Pkt. 5c., oz. 15c., 1/4 lb. 35c., lb. \$1.25, by mail, postpaid.

MRS. BENJAMIN MYERS, West Willow, Pa., writes: "I am very well pleased with the seed purchased of you; every seed came up. I will send you my order again for seed."

KALE, or BORECOLE

Blatterkohl Cavole verde

Kale is more hardy than cabbage, and will endure considerable frost without injury. Cultivate like cabbage. One ounce will sow a drill about 200 feet; three pounds will sow an acre.

Dwarf Green Curled Scotch. Beautifully curled; bright green; very hardy. Pkt. 5 cts., oz. 10 cts., 1/4 lb. 30 cts., lb. 80 cts., by mail, postpaid.

Holmes' Improved Dwarf German. American-grown. Like the above except in color. Pkt. 5 cts., oz. 10 cts., 1/4 lb. 30 cts., lb. 80 cts., by mail, postpaid.

Siberian. Grows vigorous, green foliage, with bluish tinge or bloom. Pkt. 5 cts., oz. 10 cts., 1/4 lb. 25 cts., lb. 75 cts., by mail, postpaid.

Tall Scotch. Same as the Dwarf Green, except that it grows taller. Pkt. 5 cts., oz. 10 cts., 1/4 lb. 30 cts., lb. 80 cts., by mail, postpaid.

KOHLRABI (TURNIP-ROOTED CABBAGE)

Knollkohl Cavolo rapa Kolorapa

CULTURE.—Set plants 8 inches apart in rows. For later use, sow seed in rows and thin out. One ounce will sow a drill of about 200 feet.

Early Purple Vienna. Rich purple. Pkt. 5 cts., oz. 20 cts., 1/4 lb. 50 cts., lb. \$1.75, by mail, postpaid.

Early White Vienna. Flesh white. Pkt. 5 cts., oz. 20 cts., 1/4 lb. 50 cts., lb. \$1.75, by mail, postpaid.

Green or White. Good for table and stock-feeding. Pkt. 5c., oz. 20 cts., 1/4 lb. 50 cts., lb. \$1.75, by mail, postpaid.

LEEK Lauch Porro

CULTURE.—Sow as early in spring as practicable, in rows a foot apart, and cover an inch deep. When 6 or 8 inches high, set 10 inches apart each way, as deep as possible. Ground can hardly be too rich. One ounce will sow 100 feet of drill.

Broad London Flag. Hardy, good quality; whole plant is edible. Pkt. 5 cts., oz. 20 cts., 1/4 lb. 40 cts., lb. \$1.25, by mail, postpaid.

Monstrous Carentan, or Scotch Champion. Grows rapidly and is very hardy. Pkt. 5 cts., oz. 20 cts., 1/4 lb. 40 cts., lb. \$1.25, by mail, postpaid.



LETTUCE

Lattich Lattuga
Salata

CULTURE.—For early crop, sow outdoors in September or transplant to coldframes as soon as large enough to handle, and winter like early cabbage. Sow in well-protected frames in February and in hotbeds in March. For home use, sow in rows a foot apart early in spring; thin plants to a foot apart. One ounce will produce about 1,500 plants.

ALL PACKETS 5 CTS. EACH, OZ. 15 CTS., EXCEPT WHERE NOTED

Holmes' Improved Big Boston Lettuce (French-Grown)

Quality Superb; Tender; Free from Any Bitterness. Absolutely Will Not Turn Red

Similar to the old Big Boston, only runs much more even and larger in head; leaves lay close and form a compact, buttery head. It is praised by all users, and is a distinct strain, far superior to any other strain we have ever seen growing. We have given it the name, "Holmes' Improved," so as to distinguish it from any other strain. Sold only under seal. See illustration. **Pkt. 15 cts., oz. 40 cts., 1/4 lb. 75 cts., lb. \$2.50, by mail, postpaid.** For ordinary Big Boston Lettuce, see General List.

Holmes' Improved Grand Rapids Lettuce

Improved by Years of Selection; Grows Larger and is Absolutely Free from "Rogues"

Almost Lettuce perfection, being free from the rogues found in almost every stock grown. The leaves have finely curled or fringed edges. Delicious quality and handsome appearance make it most popular in many markets. See illustration. **Pkt. 10 cts., oz. 20 cts., 1/4 lb. 60 cts., lb. \$1.25, postpaid.**

Holmes' Perfect Lettuce

A fine all-round Lettuce. It is an exceedingly quick grower, with handsome, buttery head, and can be used for both early and late sowing. Under glass it is the finest heat-resisting variety we know of outside of, probably, Holmes' Zero. The entire head blanches to a rich golden yellow, and has a fine, rich buttery flavor. It is an excellent shipper and a good keeper. **Pkt. 10 cts., oz. 30 cts., 1/4 lb. \$1, lb. \$3.50, postpaid.**

Holmes' Zero Lettuce

Resists Heat in Summer and Stands Longer Than Any Other Lettuce without Going to Seed

A Fine winter Lettuce: Produces large, solid heads of a yellowish green color, being very crisp and of the most delicious flavor. Great value for market. **Pkt. 10 cts., oz. 20 cts., 1/4 lb. 70 cts., lb. \$2.50, postpaid.**

HEAD LETTUCE

	BY MAIL, POSTPAID	
	1/4 lb.	Lb.
BIG BOSTON. Plants large, very vigorous; broad, comparatively smooth, hard, light green leaves.....	\$0 35	\$1 00
Boston Market. Private Stock. Ideal for forcing; fine quality; tender; sweet; crisp.....	35	1 00
California Cream Butter. Produces large, solid heads in cool weather.....	35	1 00
Deacon. Large, firm-heading; fine buttery quality.....	35	1 00
HOLMES' GIANT CRYSTAL HEAD. Exceeds every other variety in size and productiveness. Fine flavor; crisp; tender.....	50	1 75
Holmes' Rapid Forcing. Solid, golden yellow heads; crisp; tender.....	Oz. 20c.	70 2 50
Iceberg. Heads hard; tender; crisp.....	40	1 25
IMPROVED HANSON. A large, flat head, resembling that of cabbage; very tender and sweet.....	40	1 25
Mammoth Black-seeded Butter. Enormous head; tender; sweet and crisp.....	35	1 00
May King. Handsome, early, compact-heading variety; quality extra fine.....	35	1 00
New York, or Wonderful. Immense heads; solid; crisp; tender; delicious.....	50	1 50
Philadelphia Dutch Speckled Butter. Large heads; excellent quality.....	35	1 00
SALAMANDER. Good-sized, compact and tender heads, creamy white inside; rich buttery flavor.....	40	1 25
Yellow-seeded Butter. Large, dense, yellow head; crisp; tender; fine flavor.....	35	1 00

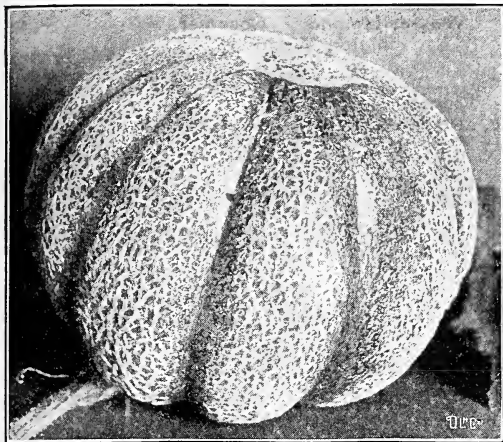
CURLED OR CUTTING LETTUCE

This type does not form compact heads, but large masses of curly, crisp leaves, which are practically everbearing, as they keep growing after picking; the best of these are:

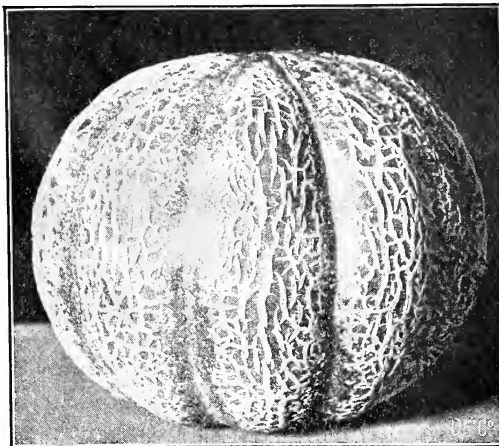
	BY MAIL, POSTPAID	
	1/4 lb.	Lb.
Black-seeded Simpson. Large, loose heads; curly yellow leaves.....	\$0 40	\$1 00
Early Curled Silesia. One of the best cutting varieties.....	40	1 25
Early Curled Simpson. Yellowish green; curly; earlier than head Lettuces.....	40	1 25
Early Prize Head. Large, loose heads, stained red; curled.....	40	1 25
The Morse. Light green; hardy. Superior to all.....	40	1 25

COS LETTUCE

Cos, or Romaine. New. Long-standing; solid hearts; bright golden yellow; crisp; tender.....	40	1 00
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Emerald Gem Muskmelon



Hackensack Muskmelon

MUSKMELONS

Melone Popone
Melon

CULTURE.—The hills should be 3 to 6 feet apart each way, according to richness of soil. Mix well with the soil in each hill a couple of shovelfuls of thoroughly rotted manure; plant eight or ten seeds in each hill early in May; thin out to three or four plants to the hill. One ounce for 60 hills. Two and one-half pounds to the acre.

ALL PACKETS 5 CTS. EACH, OZ. 10 CTS., EXCEPT WHERE NOTED

SEVEN SPECIAL VARIETIES

	BY MAIL, POSTPAID	
	$\frac{1}{2}$ lb.	1 lb.
BURRELL'S GEM. Golden flesh; fine-grained, spicy and sweet; abundant.....	\$0 40	\$1 25
EMERALD GEM. Skin emerald-green; flesh deep salmon-yellow, thick, high-flavored. (See illustration.).....	30	90
GOLD-LINED ROCKY FORD. This new strain of Rocky Ford Melon is one of the finest-flavored melons grown. Golden lined, as the name implies. For market-gardeners this melon is a boon... Pkt. 10 cts., oz. 20 cts....	60	2 00
NETTED GEM. Flesh thick, green, very sweet and highly flavored.....	30	90
NEW FORDHOOK. This melon originated in South Jersey, and is a cross between Emerald Gem and Improved Jenny Lind. It is the shape of the large-sized type of Jenny Lind, but has very thick, deep salmon-colored flesh, surpassingly sweet to the very rind. The fruits carry well to market, and, when once they are known, command the highest prices. It is quite early, vigorous in growth, and extremely prolific. The fruits are even in size and always nicely netted. A basket of them is a very appealing sight..... Oz. 20 cts....	50	1 50
PAUL ROSE, or PETOSKEY. A finely netted variety; salmon-colored flesh; very sweet.....	25	85
ROCKY FORD. Oval; flesh rich greenish gold; crisp, tender and delicious.....	30	1 00

GREEN-FLESHED VARIETIES

Bay View. Prolific; good size; oblong; green flesh; late.....	25	80
Extra-early Hackensack. Hardy; prolific; round; deeply ribbed, coarsely netted; green flesh; delicious.....	25	80
Hackensack, or Turk's Cap. Large, with round and flattened ends, thickly netted; productive; extra quality. (See illustration.).....	25	80
Holmes' Improved Nutmeg. Popular; skin deep green, finely netted; flesh greenish yellow, rich and sugary....	25	90
Jenny Lind. Small, round, flat-ended, deeply ribbed; flesh yellowish, flavor fine; very productive over long season.	25	90
Long Island Beauty. Hackensack type. Very early. Luscious, green flesh, thick and sweet; netting heavy.....	35	1 25
New Green-fleshed Osage. Hardy; prolific; handsomely netted and colored; firm, luscious flesh.....	25	90

RED- or SALMON-FLESHED VARIETIES

Banana. An old variety; very long.....	35	1 25
Defender. Very best yellow flesh; medium-size; oval, slightly ribbed; gray netting; firm, fine-grained, rich flesh....	30	1 00
Miller's Cream, or Osage. Medium to large, oval, netted; flesh rich salmon, deep, firm, sweet and melting.....	30	90
Perfection, or Princess. Early; round; beautifully netted. Best red-fleshed.....	30	85
Tip-Top Nutmeg. Slightly oval; good size; sweet, juicy; yellow flesh.....	30	85

MUSHROOM SPAWN

Schwamm Fungo pratajolo

The culture of Mushrooms is easy if you plant fresh and thoroughly reliable Spawn. They can be grown in a cellar, in sheds, hotbeds or the open air. New beds must be made at each planting. **English: Brick, 20 cts. (25 cts. postpaid), doz. \$1.60, 25 lbs. \$2.50, 100 lbs. \$8. American Pure-Culture Spawn: 25 cts. brick (35 cts. postpaid), 5 bricks \$1.10, 10 bricks \$2. Anglo-American Spawn, same price as Pure-Culture.**

DAVID KILHEFNER, Ephrata, Pa., writes: "I have never found a better Celery than Holmes' Emperor. It has a splendid flavor."

MUSTARD

Senf Senapa

Black, or Brown. Large, succulent leaves, pleasantly pungent. Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 15 cts., lb. 25 cts., by mail, postpaid.
Giant Southern Curled. A favorite in the South. Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 15 cts., lb. 25 cts., by mail, postpaid.
White London. Leaves used in salads and for garnishing. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 15c., lb. 25c., by mail, postpaid.

FLORA M. HARTZEL, Arendtsville, Pa., writes: "All your seeds I have planted did well. I have found Snowwhite Celery an excellent variety."



WATERMELON

Wasser-Melone Cocomero
Melon Wodny

CULTURE.—Select rich, deep sandy loam, well worked and highly manured. Plant when all danger of frost is over, in hills 5 to 6 feet apart each way. Scatter a dozen seeds to a hill, thin to three or four plants. When they have four or five rough leaves, pinch off the ends of the main shoots. One ounce to 30 hills. Four pounds to the acre.

ALL PACKETS 5 CTS. EACH, OZ. 10 CTS. ON 5 LBS. AND OVER DEDUCT 10 CTS. PER LB.

	BY MAIL, POSTPAID 1/4 lb.	Lb.
Colorado Preserving Citron. Green seed. Also called Apple Pie.....	\$0 25	\$0 80
Cuban Queen. Early, solid, heavy; skin striped dark and light green.....	20	75
Dark Icing. Early; round; solid; thin, dark green skin; superior quality.....	20	70
FERRY'S ICEBERG. Deeper colored than Kolb Gem; tender and sweet.....	25	80
Florida Favorite. Superior; large, oblong, striped; luscious; red flesh.....	25	80
Fordhook Early. Very early; good size; medium green; red flesh.....	20	75
Gray Monarch, or Long White Icing. Very large, long; crimson flesh.....	20	75
Gypsy, or Georgia Rattlesnake. Oblong, dark and striped; red flesh.....	20	75
HALBERT'S HONEY. Dark, clear skin; flesh crimson, luscious and sweet.....	25	85
HARRIS' EARLIEST. Oval; fine quality; bright red flesh; sweet, tender and delicious.....	20	75
Ice Cream, or Peerless. Very early; red flesh; fine quality.....	20	75
KLECKLEY SWEETS. Flesh bright scarlet, crisp, sugary and melting.....	25	90
Kolb Gem. Very large; flesh red; a good shipping sort.....	20	75
Light Icing, or Ice Round. Round in form; flesh of fine quality.....	20	75
McIVER SUGAR. Large; fine quality; oval; flesh pale pink, sweet, melting.....	20	75
Mountain Sweet. Flesh red; extra-fine quality.....	20	75
Phinney's Early Oval. Mottled light green; large, oval, heavy; red flesh.....	20	75
SWEETHEART. Large, oval, heavy; flesh bright red, crisp, melting, sweet.....	20	75
TOM WATSON. New. Large variety, 18 to 24 inches long; weight 40 to 50 pounds; flesh deep red; good shipper....	25	90

NASTURTIUM, or INDIAN CRESS

Kapuciner Kresse Nasturzio Maggiore

The seed-pods, gathered green, are delicious pickled and used for seasoning like capers.

Dwarf. A trailer, requiring no support. **Tall.** A climber; ornamental flowers. **Pkt. 5 cts., oz. 10 cts., 1/4 lb. 20 cts., lb. 70 cts., by mail, postpaid.**



Holmes' Special Strain of Yellow Globe Onions. Note the shape

CHOICE ONIONS

Zwiebel Cipollo
Cebula

Tested and of the Strongest Vitality; the Finest, Selected Strains

We pride ourselves on selling the very best Onion seed that can be produced, and are now supplying some of the largest Onion-growers of the country. By sowing our seed, large Onions may be produced direct from the seed. For growing sets there is no better seed on the market than that we offer.

CULTURE.—Sow in early spring, in moist soil, as soon as the weather will permit, in rows 12 inches apart, and cover half an inch deep. If the Onions grow too thick, thin to about an inch apart, or only a few small Onions will be the result. Manure highly (20 loads to the acre being used by market-gardeners with profit), and if manure is not plenty, some good phosphate, at the rate of 400 to 800 pounds to the acre, will give splendid crops. A top-dressing of wood-ashes, applied after the second weeding, is very beneficial. One ounce will sow 100 feet of drill; five pounds will sow an acre.

Caution. Beware of cheap Onion seed. Fresh new seed, such as we sell, will test 90 to 95 per cent. If you are led by low prices to purchase Onion seed from doubtful sources, test it before planting. Our prices are as low as reliable seeds can be bought. **The lowest-priced Onion seed is not always the cheapest.**

ALL PACKETS 5 CTS. EACH, OZ. 10 CTS., EXCEPT WHERE NOTED—SEE PAGE 15



ALL PACKETS 5 CTS. EACH, OZ. 10 CTS., EXCEPT WHERE NOTED

ONIONS, continued

	POSTPAID	1/4 lb.	Lb.	slbs. or more
AMERICAN-GROWN PRIZE-TAKER. Noted for its immense size, mildness of flavor, and keeping qualities. Skin pale yellow, flesh white.....	\$0 35	\$1 25	\$1 15	
Extra-early Flat Red. Early; flesh white and mild.....	35	1 25	1 15	
HOLMES' IMPROVED YELLOW GLOBE DANVERS. A selected strain, uniform shape, attractive color, mild flavor and an enormous yielder.....oz. 15 cts....	50	1 75	1 60	
LARGE RED WETHERSFIELD. Early; fine keeper; dark red, solid, heavy, perfect; flavor good and mild.....	35	1 25	1 15	
YELLOW GLOBE. Rich orange-yellow; mild; enormous yielder; splendid keeper.....	35	1 25	1 15	
ROUND or FLAT YELLOW DANVERS. A fine-selected strain, reliable in ripening, with large yield.....	35	1 25	1 15	
SOUTHPORT RED GLOBE. Medium size; deep rich red; superior.....	40	1 25	1 20	
SOUTHPORT WHITE GLOBE. Globe-shaped bulbs. Flesh firm, fine-grained and mild....oz. 15 cts....	50	1 75	1 65	
SOUTHPORT YELLOW GLOBE. Thin skin, pale yellow; mild flesh.....	35	1 25	1 15	
WHITE PORTUGAL, or AMERICAN SILVER-SKIN. Medium size; mild; good keeper....oz. 15 cts....	50	1 75	1 60	
Yellow Strasburg, or Dutch. Skin yellow; flesh pure white, mild.....	30	1 00	90	

ITALIAN AND PICKLING ONIONS

Adriatic Barletta. Very early; small, pure white, with silver skin; flesh mild but firm; fine for pickling...	40	1 50	1 40
Gigantic Gibraltar. Fairly globular; skin light straw-color; flesh white, tender and mild....oz. 15 cts....	50	1 75	1 65
Queen. Very early; small, flat white and mild pickle Onion.....oz. 15 cts....	50	1 75	
Silver King. White-skinned Onion; immense size.....	40	1 50	1 40

ONION SETS

White and Yellow Onion Sets. Grown from our select strains. The price per bushel is subject to change with the market. Write for quotations. Per qt., postpaid, 35 cts.

OKRA, or GUMBO Ibisco

ALL PACKETS 5 CTS. EACH, OZ. 8 CTS.

	BY MAIL, POSTPAID	1/4 lb.	Lb.
Dwarf Prolific. Of dwarf, stocky growth; very early and prolific.....	\$0 20	\$0 60	
Lady Finger. Long, slender, pale green pods; very tender.....	20	60	
White Velvet. Large, round, smooth pods; never ridged; prolific.....	20	60	

PARSNIPS Pastinake Pastinaca

ALL PACKETS 5 CTS. EACH, OZ. 8 CTS.

CULTURE.—Sow early in spring, in drills 15 inches apart and half an inch deep, in a rich soil; thin out to 6 inches apart in the rows. One ounce will sow 200 feet of drill.

	BY MAIL, POSTPAID	1/4 lb.	Lb.
GUERNSEY. A half-long Parsnip. Flesh fine-grained; much sought for by market-gardeners because of its fine appearance.....	\$0 20	\$0 50	
HOLMES' HOLLOW-CROWN. Uniformly large and handsome roots of stocky form. Flesh white, fine texture, free from core and stringiness, fine-flavored. Frost improves the quality.....	20	50	

PARSLEY Petersile Prezzemolo Peitroszka

LARGE PACKETS 5 CTS. EACH, OZ. 10 CTS.

CULTURE.—Soak seeds in water twenty-four hours before planting. Sow thickly, early, in rows 1 foot apart, cover half an inch deep; finally thin to 5 to 6 inches apart, or transplant and cut back frequently. Five pounds to the acre. BY MAIL, POSTPAID

	1/4 lb.	Lb.
Champion Moss Curled, or Emerald. Densely crimped, dark leaves.....	\$0 25	\$0 75
Extra Double Curled. A popular fine dwarf.....	25	75
Hamburg, or Turnip-rooted. Fine for flavoring.....	25	75
HOLMES' IDEAL. Leaves ornamentally crimped; growth compressed and thick, almost a half-globe. Very robust; greatly improved by severe cutting. Stands heat, drought and cold; yields finely. Color and taste ideal.....	30	85
Plain. The leaves are not curled; plants very hardy.....	20	75
Italian Long Smooth. New. Much sought for by German truckers; true.....	35	1 00

PEPPER Schoten Pfeffer Peperone Pieprz

LARGE PACKETS 5 CTS. EACH, EXCEPT WHERE NOTED

CULTURE.—Sow in hotbed in April and in warm, settled weather transplant outdoors 18 inches apart in rows 3 feet apart, or, when all danger of frost is past, sow in open ground and thin. One ounce will produce about 2,000 plants.

	BY MAIL, POSTPAID	1/4 lb.	Lb.
HOLMES' PROLIFIC SWEET, either Red or Yellow. New. Fruits may be gathered early in July. Thick-meated; plants frequently carry twenty to thirty handsome fruits; absolutely mild and sweet. See illustration on back cover.....Pkt. 15 cts., 2 pkts. 25 cts....	\$0 30	\$0 75	\$2 75
Golden Queen. Golden yellow; sweet and delicate flavor.....	25	65	2 25
Large Bell, or Bull Nose. Large; early; bright red; mild.....	25	65	2 25
Long Red Cayenne. Late. Small, bright scarlet, cone-shaped, pungent pods.....	25	65	2 25
NEW CHINESE GIANT. Strong, stocky growth, bushy, erect, growing 18 inches to 2 feet high; very prolific; flesh thick, very mild.....	35	1 00	3 50
CRIMSON GIANT. Vigorous in growth; mild and sweet as an apple; makes fine salad with tomatoes....	35	1 00	3 50
Ruby King. Prolific, early; ruby-crimson; flesh thick, mild, sweet.....	25	75	2 25
Sweet Mountain, or Mammoth. Very mild flavor.....	25	65	2 25

C. G. THOMA, 2359 Payne Ave., Cleveland, Ohio, writes: "I found your Celery to be very good—it meets with my approval."

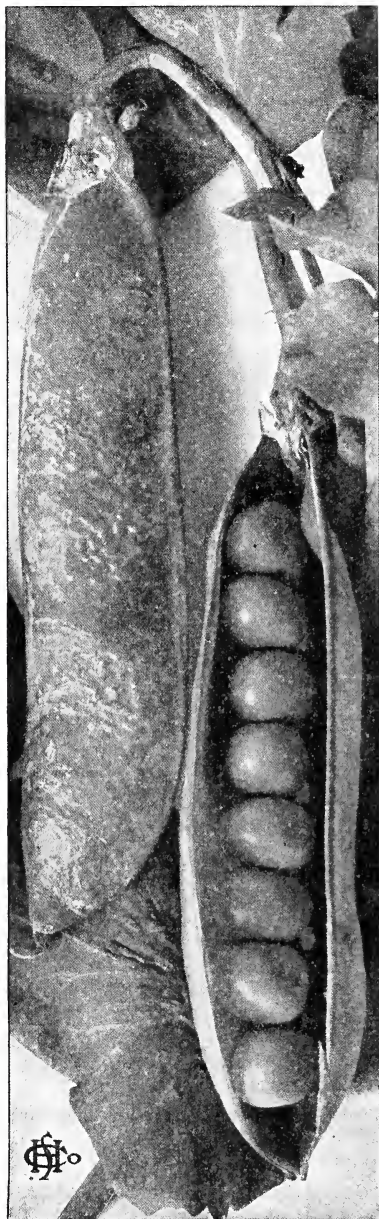
MRS. CASSIE STAMY, Walnut Bottom, Pa., writes: "The New Round-Pod Kidney Wax Bean and the Laxtonian Peas received from you were the best ever."



PEAS

Erbse Pisello
Groch

CULTURE.—For market, sow in single rows 1 inch apart and 2 to 3 inches deep, rows from 2 to 4 feet apart. In garden, sow in double rows 6 to 8 inches apart. Begin sowing extra-early varieties as soon as the ground can be worked in March; for a succession, every two weeks until June. One quart to 100 feet of drill. One and one-half to two bushels to the acre. Those prefixed with a * are wrinkled varieties.



New English Pea, Laxtonian

CHOICE VARIETIES

LIBERAL PKTS. OF ANY VARIETY, 10c. EXCEPT WHERE NOTED

New English Pea, Laxtonian

This is the Largest-Podded of all Early Dwarf Peas

A new sort of decided merit. The vines are vigorous, growing about 16 inches high, and produce a large crop of good-sized pods, averaging from nine to ten peas to the pod. The Peas are of exquisite flavor and mature early. Many people who have tried Laxtonian consider it superior to either Gradus or Thomas Laxton, and claim it to be the best of all the early dwarf sorts. It is certainly worth a trial. See illustration. By express or freight, not prepaid, pkt. 15 cts., pt. 30 cts., qt. 50 cts., 4 qts. \$1.85, peck \$3, bus. \$11. See page 3 for parcel-post rates.

Grand New Garden Pea, Quite Content

A sensational novelty of England which is, without doubt, the largest-podded Pea in existence. At all the principal shows in England Carter's "Quite Content" is now preëminent.

It is ready for picking at the same time as the well-known Alderman, which it closely resembles, but has considerably larger pods. The vines attain a height of 5 to 6 feet; pods enormous, dark green, measuring 5 to 6 inches, and contain 8 to 12 peas of delicious flavor. We have seen pods of this new Pea 7 to 8 inches long and fairly crowded from tip to tip with fine large tender peas. By express or freight, not prepaid, pkt. 15 cts., pt. 30 cts., qt. 55 cts., 2 qts. 85 cts., 4 qts. \$1.50, pk. \$2.75. See page 3 for parcel-post rates.

*New English Pea, Little Marvel

Still another year's experience makes us hold this distinct new, dwarf, first-early in even higher esteem. We are sure that as soon as American gardeners, whether for pleasure or profit, become acquainted with Little Marvel, they will drop both Little Gem and Nott's Excelsior, popular as these two varieties are today. The vines, of dwarf, even growth, average 15 inches in height and are heavily set with fine pods, frequently borne in pairs. The pods average 2½ inches in length, are square at the bottom, and well filled with six to seven quite large, deep green peas. The Peas are ready for the table fully as early as American Wonder or Nott's Excelsior, while the pods are larger and the vines produce a much heavier crop. All who desire a fine early crop of the choicest-quality wrinkled Peas will be delighted with Little Marvel. By express or freight, not prepaid, pt. 20 cts., qt. 35 cts., 4 qts. \$1.25, pk. \$2, bus. \$7.50. See page 3 for parcel-post rates.

HOLMES' PEDIGREE EXTRA-EARLY.

Grown in the far North and with the selection of the earliest and choicest vines, this strain is so improved that it fully bears out our claim as one of the earliest, most prolific and even strains in existence, maturing so well together that sometimes a single picking will secure the entire crop. Vines vigorous and hardy, 2 to 2½ feet high, bearing abundantly.

BY EXPRESS OR FREIGHT
NOT PREPAID, SEE PAGE 3
FOR PARCEL-POST TABLE
AND FULL INFORMATION

Pt. Qt. Pk. Bus.

*NEW DWARF CHAMPION OF ENGLAND.

Hardy, robust, vigorous; handsome green pods; quality unsurpassed. Height, 26 inches.

\$0 15 \$0 25 \$1 50 \$5 75

*NEW LATE PEA, ALDERMAN. Fine, second-early wrinkled Pea. About 3½ feet high, producing an abundance of very large, dark green pods, filled with immense peas of delicious flavor.

15 25 1 50 5 75

NEW PEA, AMEER. (Called Large Alaska in the South.) Height 18 to 20 inches, dwarf; stocky; vigorous; dark green. Just the Pea for the market or home gardener.

15 25 1 75 6 75

*NEW PEA, GRADUS. (Also called 'Early Telephone.') Ranks with any early variety. Pods measure 4 to 4½ inches, nearly round, and well filled with eight to ten large, handsome peas; melting and sugary, retaining when served their bright, vivid green.

15 25 1 75 6 50

*NEW PEA, HOLMES' MASTERPIECE. (Extra-early Large-podded.) We believe this to be one of the finest and most prolific large-podded Peas ever introduced. Pods contain 8 to 10 perfectly formed peas.

20 35 2 00 7 50

*NEW PEA, THOMAS LAXTON. Large pods; smooth Peas; being wrinkled, is much sweeter.

20 35 2 00 7 50

*NOTT'S EXCELSIOR. One of the sweetest grown; very prolific; dwarf.

15 25 1 75 6 50

PROLIFIC EARLY MARKET. Produces 30 to 50 per cent more Peas than any other early variety.

15 25 1 75 6 50

*SUTTON'S EXCELSIOR. An early dwarf wrinkled Pea in the front rank for earliness, yet with much larger, handsomer pods than any other dwarf wrinkled. Height 12 to 14 inches; yields in great abundance, long, broad, straight, pale green pods.

20 35 2 00 7 50



GENERAL LIST OF GARDEN PEAS

LIBERAL PACKETS OF ANY VARIETY OF PEAS, 10 CTS. EACH

DWARF EXTRA-EARLY PEAS

Requires no staking or brush

BY FREIGHT OR EXPRESS, NOT
PREPAID. SEE PAGE 3

	Pt.	Qt.	Pk.	Bus.
*American Wonder. 10 to 12 inches. Extra early; dwarf; wrinkled; finest quality.....	\$0 15	\$0 25	\$1 75	\$6 75
*Little Gem. 16 to 18 inches. Dwarf; green; wrinkled; excellent flavor.....	15	25	1 60	6 00

EXTRA-EARLY PEAS OF MEDIUM HEIGHT

Alaska. 2 feet. Pods well filled with small, smooth, blue-green peas	15	25	1 50	5 75
Holmes' Market-Gardeners' Extra-Early. 2 feet. Superior strain of the extra-early Peas, ripening evenly throughout.....	15	25	1 50	5 75

SECOND or MEDIUM-EARLY PEAS

*Advancer. 2½ feet. Green, wrinkled peas; fine flavor	15	25	1 50	5 50
*Carter's Daisy, or Dwarf Telephone. Productive; pods long, well filled	15	25	1 75	6 75
*Everbearing, or Yorkshire Hero. 3 feet. Prolific; large wrinkled peas; very productive	15	25	1 60	6 00
*Abundance, or Horsford's Market-Garden. 2 feet. Grand wrinkled peas; sweet	15	25	1 60	6 00

MAIN-CROP or LATER PEAS

Black-eyed Marrowfat. 5½ feet. An old favorite; prolific market Pea.....	15	25	1 35	5 00
*Champion of England. 5 feet. Rich; marrow-like; immense; wrinkled	15	25	1 60	6 00
*Duke of Albany, or American Champion. 4½ feet. Quality superlatively fine.....	15	25	1 60	6 00
*Juno. 2 feet. Dwarf main-crop, green, wrinkled, marrow peas; superb flavor	15	25	1 50	5 50
Long Island Mammoth, or Telegraph. 3½ feet. Large pods and peas.....	15	25	1 50	5 50
Pride of the Market, Improved. 1½ feet. Large pods.....	15	25	1 75	6 25
Potlatch, or Improved Stratagem. 2 feet. Dwarf, blue, wrinkled Pea; heavy cropper, large, marrow peas of excellent flavor	15	25	1 75	6 50
*Telephone, Special Strain. 4½ feet. Exceedingly productive; large, wrinkled, marrow Peas; rich, sugary flavor.....	15	25	1 60	6 00
White Marrowfat. 5½ feet. Similar to Black-eyed Marrowfat, but of better quality.....	15	25	1 35	5 00

SUGAR or EDIBLE-PODDED PEAS

The pods are cooked like string beans; if used when about half-grown they are deliciously tender and sweet.

*Dwarf Sugar. 1½ feet. Extra-fine quality; productive and early.....	15	30	2 00	7 50
Melting Sugar. 5 feet. Mammoth variety; pods "snap" without string; very sweet; tender.....	15	30	2 25	8 00
MAMMOTH LUSCIOUS. Excels in size, productiveness and quality. Vines average 36 inches; pods gigantic in size, broad, sweet and tender; extremely fleshy; equal best snap beans for cooking.	20	40	2 50	9 00
*Tall Gray Sugar. 4 feet. Immense pods; snap; 78 days.....	15	30	2 00	7 50

PUMPKINS

Melonen Kurbiss
Zucca Bania

CULTURE.—Sow in good soil in May, in hills 8 to 10 feet apart each way; or in fields of corn about every fourth hill. Avoid planting near other vines. One ounce to 15 hills; one pound to an acre.

LIBERAL PACKETS 5 CTS. EACH, OZ. 10 CTS.

BY MAIL, POSTPAID

	¼lb.	Lb.
Cheese. Large, flat, round; creamy yellow skin; orange flesh	\$0 20	\$0 65
Connecticut Field. Productive, large, orange-colored field Pumpkin.....	20	65
Improved Green Striped Cashaw. Green-and-white striped; rich yellow; sweet	20	65
Japanese. Surpasses all others in flavor. Flesh salmon-colored; sweet.....	25	75
JUMBO, or MAMMOTH POTIRON. Flesh and skin golden yellow; good table Pumpkin	35	1 25
MAMMOTH GOLDEN CUSHAW, or CROOKNECK. Rich golden orange; flesh thicker, sweeter and finer- grained than in any other Pumpkin.....	30	90
Quaker Pie. Nearly oval; cream-colored skin and flesh; fine quality.....	25	75
Small Sugar. Round, flattened; skin orange; flesh deep yellow; sweet.....	25	75
Tennessee Sweet Potato. Bell-shaped; white flesh, very thick, sweet.....	25	75
Winter Luxury. Superior pie Pumpkin; flesh deep golden; sweet, tender.....	25	75

PURE NORTHERN-GROWN SEED POTATOES

Kartoffel Patata. Finest Select Stock

STANDARD VARIETIES OF SEED POTATOES WEIGH 165 POUNDS TO THE BAG

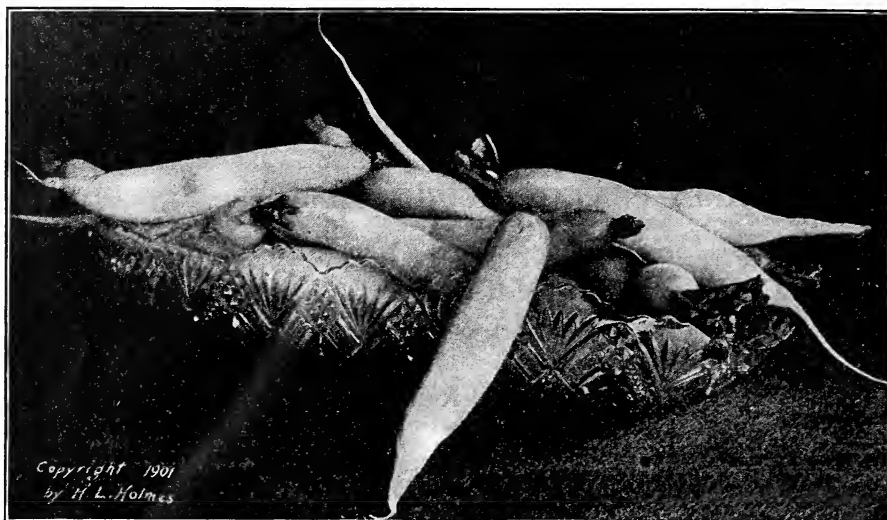
Plant 10 bushels to the acre

BY MAIL
POSTPAID
Pk.
EXP. OF FRT.
BUS. Bbl.

Blue Victor. Round; blue skin; productive; white flesh.....	\$0 75	\$1 85	\$5 00
Carman No. 3. Best late sort; extra-large tubers; yields heavily.....	65	1 75	4 50
Early Bovee. Oblong; pink skin; very early; heavy cropper.....	65	1 75	4 50
Early Fortune. Is very productive; pink with light spots.....	65	1 75	4 50
Early Harvest. An unusually heavy yielder; excellent quality.....	65	1 75	4 50
HOLMES' IMPROVED EARLY OHIO. The earliest and a very productive variety.....	75	1 85	5 00
Improved Early Rose. Pure and genuine.....	65	1 65	4 50
Irish Cobbler. Very large; white; heavy cropper, excel- lent quality.....	75	1 75	4 85
Maine Rose. The best variety of the Rose type.....	65	1 75	4 50
Quick-Crop. Very early; vigorous grower; fine flavor.....	65	1 75	4 50
Rural New Yorker. The tubers are large; late.....	60	1 65	4 25
Sir Walter Raleigh. New. Valuable variety; late.....	60	1 65	4 25
Vermont Gold Coin. Excellent flavor; fine-grained; fine for general crop.....	65	1 75	4 50
White Elephant, or Late Beauty of Hebron. An extra-large, late variety.....	65	1 75	4 50

The above prices are subject to change without notice





New White Icicle Radishes

RADISHES

Radies Ravenello
Rzodkiew

Our Radishes are French-grown; being sown in beds and transplanted, we are positive of having straight sorts. CULTURE.—Radishes delight in light, rich, mellow soil. For very early use, sow in a gentle hotbed in January, and continue sowing every two weeks in drills 10 inches apart, thinning to 2 inches apart. One ounce will sow 100 feet of drill; eight to ten pounds to the acre.

LIBERAL PACKETS 5 CTS EACH; OZ. 10 CTS.

	1/2 lb.	Lb.
CRIMSON GIANT (Early Turnip Radish). Develops to 6 and often 7 inches in circumference, flesh sparkling white, solid, crisp and juicy; mildest flavor.	\$0 20	\$0 60
EARLY LONG SCARLET SHORT-TOP IMPROVED . Smooth; bright red; crisp and tender.	20	65
EARLY SCARLET TURNIP WHITE-TIPPED . Deep scarlet with white tip; flesh white, of best quality; fine-flavored, crisp, juicy, solid.	20	65
FELTON'S MODEL WHITE BOX . Possesses all the excellent qualities of the old Philadelphia White Box, but is much handsomer and earlier.	20	65
HOLMES' ROYAL RED FORCING . Best for forcing in or outdoors; quick grower; makes Radishes in three weeks. Globe-shaped; deep red; crisp and tender; tops small.	20	65
NEW WHITE ICICLE . One of the finest long white forcing Radishes known; flavor exceedingly fine. (See illustration from photograph.)	20	65
VICK'S EARLY SCARLET GLOBE . Slightly olive-shaped; rich, bright scarlet; flesh tender and white. We especially recommend this to gardeners as a large, first-early forcing Radish.	20	65
WHITE CHINESE, or CELESTIAL . The true stock is stump-rooted. Although a winter Radish, it can also be grown for late summer. Flesh firm, solid and pure white, crisp and juicy; mild.	20	65
WHITE STRASBURG SUMMER . The most popular summer Radish. Skin and flesh pure white, of delightful, pungent taste.	20	65

GENERAL LIST OF RADISHES

EARLY ROUND OR TURNIP-SHAPED

Early Round Dark Red . Rich, dark red; medium; uniform.	20	60
Early Scarlet Turnip . Medium; bright scarlet; mild flavor.	20	65

EARLY OLIVE AND OVAL-SHAPED

French Breakfast . Oval; bright scarlet; white tip.	20	60
Scarlet Olive-shaped . Half-long; bright scarlet; flesh white.	20	60
White Olive-shaped . Similar to Scarlet Olive-shaped.	20	60

EARLY LONG

Cincinnati Market, or Glass . Long, straight; scarlet; small top.	20	60
Long Brightest Scarlet . Scarlet, tipped white; mild flavor.	20	60
Long White Vienna, or Lady Finger . Mild and tender.	20	60
Pearl Forcing . Skin pure white; very early.	20	60

SUMMER AND AUTUMN

Chartier . Summer Radish; long, large, handsome; flesh white; delicious.	20	60
Giant White Stuttgart . Turnip-shaped summer Radish; tender; mild.	20	60
Half-Long Deep Scarlet, or Paris Beauty . Bright, crisp flesh.	20	60
White Summer Turnip . A flat-round, early summer Radish.	20	60

WINTER

California Mammoth White . A favorite winter Radish.	20	60
Long Black Spanish . A leading winter variety; excellent keeper.	20	60
Rose China Winter . Skin rosy red; flesh white and firm.	20	60
Round Black Spanish . Roots round; skin black; flesh white.	20	60



RHUBARB (Pie-Plant)

Rhabarber

Rabarbaro

Spring-sown seed produces plants of good size to pull from the following spring; planting roots saves one year.

	Pkt.	Oz.	1/4lb.	Lb.
Victoria. A very large, thick, red-stalked, late variety of fine quality.....	\$0 10	\$0 20	\$0 40	\$1 25
RHUBARB ROOTS. We can also supply young roots of this variety, which, if planted in good soil early in the spring, will make a strong growth and yield stalks for market the following spring.		Doz.	100	1,000
		\$0 75	\$5 00	\$35 00

SPINACH

Spinat

Spinaccio

CULTURE.—Sow in early spring in drills a foot apart, every two weeks for a succession, and thin out for use. For fall use, sow in August; for winter, in September. Cover with straw or leaves in winter. Varieties prefixed * may be sown in the fall for spring crop. One ounce will sow 100 feet of drill; twelve pounds to the acre in drills.

LIBERAL PACKETS 5 CTS. EACH; OZ. 8 CTS.

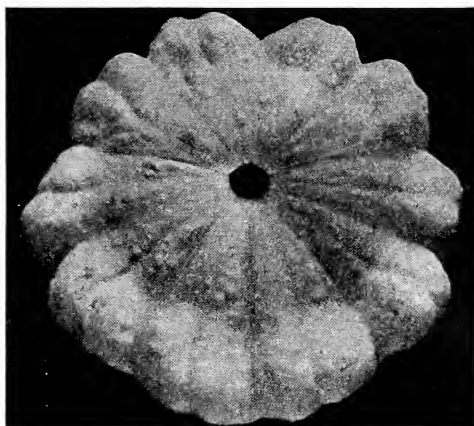
	BY MAIL	1/4lb.	Lb.	100 lbs.
*Bloomsdale, or Norfolk Savoy. For fall planting; fleshy; curled; hardy.....	\$0 15	\$0 25		\$15 00
LONG SEASON. Can be grown successfully in hot weather without going quickly to seed—a merit possessed by few others. Leaves are very dark green, and grow in a thick, rounded cluster; tender and succulent. Leaves remain fresh and crisp for a considerable time after cutting.....	15	25	15 00	
Long-standing. Excellent; compact; thick, fleshy, dark green leaves.....	15	25	15 00	
New Zealand. Abundant through the summer; never cooks stringy.....	20	60		
Round-leaved. Thick, round, succulent leaves.....	15	25	15 00	
*Thick-leaved. Produces large, thick, bright green, crumpled leaves.....	15	25	15 00	
Victoria. Very heavy, broad, deep green, crumpled leaves.....	15	25	15 00	

SQUASH

Kurbisz Zucca Miekuzr

PACKETS 5 CTS. EACH, OZ., ANY VARIETY, 10 CTS.

	BY MAIL,	1/4lb.	Lb.
BOSTON MARROW. Fall and winter variety; large, oval form; skin thin, bright orange, with netting of light cream-color, flesh rich salmon-yellow, fine grained, excellent flavor.....	POSTPAID	\$0 30	\$0 85
Fordhook. Early; sweet; dry; good summer variety; oblong.....		40	1 00
Golden Custard, or Yellow Bush (Cymlin). Mammoth scalloped bush; extra quality.....		30	85
GOLDEN HUBBARD. A true Hubbard except in color, which is bright red. Wonderfully productive, fruits weigh six to eight pounds; shell warty and strong; flesh deep orange to shell; cooks very dry; good-flavored.....		40	1 00
Improved Hubbard. One of the best winter Squashes; flesh bright orange-yellow, fine-grained, very dry.....		35	85
MAMMOTH WHITE BUSH SCALLOP. Fruit beautiful, clear waxy white; superior in size and beauty.....		30	75
Mammoth Yellow Summer Crookneck. Vine larger and stronger than the old Summer Crookneck and producing fruit fully twice as large, deeper colored and with rough surface....		35	85



Mammoth White Bush Scallop Squash

AUTUMN AND WINTER

	BY MAIL, POSTPAID	1/4lb.	Lb.
Delicious (Gregory). Fine quality; excels any in flavor.....	\$0 30	\$0 75	
Large Warty Hubbard. Large size; productive; hard, green, warty shell.....		35	85
Mammoth Chili. Often weighs 200 lbs.; flesh rich, fine flavored.....		40	1 00

SALSIFY (Vegetable Oyster) Haferwurzels Barba di becco Jarzynowa

CULTURE.—It succeeds best in light, well-enriched soil. Sow early and quite deep. The roots are perfectly hardy and may remain out all winter, but should be dug early in spring. One ounce for 75 feet of drill; 10 pounds to the acre.

PACKETS 5 CTS. EACH, OZ. 10 CTS.

	BY MAIL, POSTPAID	1/4lb.	Lb.
Large White. Common variety; medium-sized, smooth; flesh white.....	\$0 25	\$0 90	
Mammoth Sandwich Island. Larger, and less liable to branch than Large White.....		30	1 00

SWEET, POT AND MEDICINAL HERB SEEDS

No garden is complete without a few Herbs for culinary or medicinal purposes. These should be harvested on a dry day, just before they come into full bloom, then dried quickly and packed closely, excluding the air.

LIBERAL PACKETS 5 CTS.

	BY MAIL, POSTPAID	Oz.	1/4lb.	Lb.
Anise (Grüner anis). For garnishing, cordials and flavoring.....	\$0 10	\$0 25	\$0 90	
Balm (Citronen-Melisse). For tea and balm wine; useful in fevers.....	20	60	2 00	
Basil, Sweet (Basilikum). Used for soups, stews and sauces.....	20	60	2 00	
Caraway (Feld Kümmel). Used in confectionery, cakes and medicine.....	10	25	90	
Coriander. For garnishing; seeds are aromatic, used for flavoring.....	10	25	75	
Dill. Aromatic seeds, used in pickles, preserves, soups, sauces.....	10	25	75	
Fennel (Fenchel). Leaves used for fish sauces, and garnishing; seed in confectionery and for flavoring liquors.....	10	25	75	
Horehound (Andorn). For tonic and cough.....	15	40	1 50	
Lavender (Lavendel). Popular aromatic herb; delightful perfume.....	35	1 00	3 50	
Marjoram, Sweet (Majoran). Used for seasoning.....	20	60	2 00	
Sage (Edel-Salbei). Leaves used in dressings and sauces.....	15	40	1 50	
Savory, Summer. Used for seasoning, flavoring soups and dressings.....	25	75	2 50	
Savory, Winter (Bohnen Kraut). Leaves used for flavorings and dressings.....	25	75	2 50	
Thyme, Broad-leaved (Thymian). Used for seasoning; also as bee food.....	40	1 25	4 00	

C. C. MOWRIS, South Lima, N. Y., writes: "We found your Celery seed of 1912 and 1913 the best of any we had."

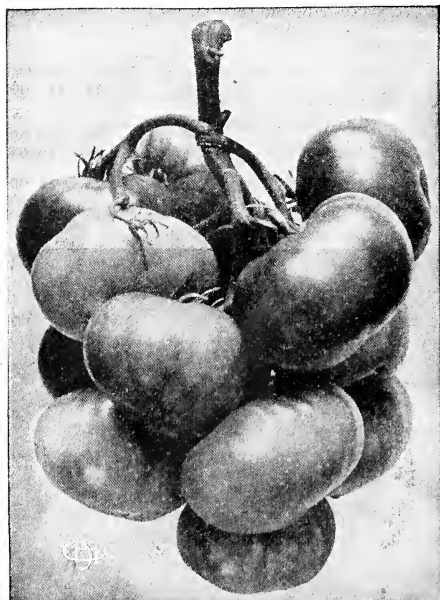
MISS CORA E. ERB, Troxleville, Pa., writes: "The Emperor Celery seed I received from you proved to be a fine variety."

TOMATOES

Tomate Pomo doro
Pomidor

All our Tomato seeds are from seed stocks carefully selected. We challenge comparison with any offered.
CULTURE.—Tomatoes do best on light, warm, not over-rich soil. Sow in hotbeds from six to eight weeks before they can be set out-of-doors; when the plants have four leaves, transplant into shallow boxes or coldframes, setting them 4 to 5 inches apart. Set out-of-doors as soon as danger from frost is over. The fruit will be better in quality if the vines are tied to trellis or stakes. 1 oz. for 1,500 plants; ¼lb. for an acre.

LIBERAL PACKETS 5 CTS., EXCEPT WHERE NOTED



Holmes' Everbearing Tomato

Holmes' Everbearing Tomato

THE EARLIEST, LARGEST, MOST PROLIFIC
AND MEATIEST RED TOMATO GROWN

(See illustration on back cover)

This wonderfully prolific new Tomato was originated by Mr. J. A. Smith, of Harrisburg, and was illustrated in one of the Harrisburg daily papers, July 20, 1912. Mr. Smith is in the Division of Zoölogy of the state and takes delight in experimenting and producing new vegetables. The illustration is from a photograph of one stem bearing 17 fine, large fruits, and weighing 7¾ pounds. The clusters will average 15 fine large red or scarlet Tomatoes, and the beauty of it is that they all run about the same size and absolutely free from the acidic taste so common in most varieties. The seed-cavities are exceedingly small, and we believe it to be the meatiest Tomato grown. This Tomato combines all the good qualities of each parent—earliness of the Earliana, size from Ponderosa, and color and smoothness of the Stone.

In creating this wonderful Tomato, seed from a perfect specimen of a cross of Ponderosa and Earliana was planted in the spring of 1911. One good, vigorous plant was selected as the parent, and as the blossoms appeared the first ones were entirely removed. The second set which appeared, except three, were removed, and as soon as these three began to show signs of yellow, they were prepared for pollination and carefully bagged. This second set of blossoms came along at the same time as did the Stone variety. The Stone pollen was applied and then again carefully bagged. Only one Tomato was permitted to mature on this plant, which was very large and a perfect specimen. The seed from the above cross was planted in the spring of 1912, and of six plants planted all have ripened Tomatoes like the illustration, and have not been without ripe fruit throughout the season. When cut by the frost there was still plenty of green fruit on them.

EUGENE HOOVER, Duncannon, Pa., writes: *The Everbearing Tomato that you persuaded me to try last year has proved far beyond my expectations. You could hardly see the vines for the clusters of bright red Tomatoes. The Tomato is an excellent early variety, and I never saw anything so prolific.*

Price, originator's own stock, pkt. 15 cts., 2 pkts. 25 cts., ¼oz. 85 cts., oz. \$3, ¼lb. \$10.

	BY MAIL, POSTPAID		
	Oz.	¼lb.	Lb.
Acme. Early; medium-sized; smooth, solid; prolific; purplish pink.....	\$0 20	\$0 60	\$2 00
Beauty. Early; prolific; medium-sized; smooth, solid; purplish red	20	60	2 00
Buckeye State. Large; solid; meaty; deep purple; heavy cropper.....	20	60	2 00
CHALK'S EARLY JEWEL. One of the best for main-crop; bright scarlet; very solid; fine flavor.....	30	90	3 00
Crimson Cushion. Immense size; smooth; solid; crimson-scarlet; meaty.....	35	1 00	3 50
CRINE'S JUNE PINK. Extra early; fruit smooth, about 3 inches in diameter, almost round; flesh solid, finely flavored, free from acidity.....	35	1 00	3 50
Dwarf Champion. Early; prolific; smooth; medium sized; pinkish purple.....	35	85	2 75
Favorite. Large; solid, smooth; bright scarlet; ripens evenly.....	30	75	2 00
Golden Queen. Large; handsome form; beautiful clear yellow color.....	30	75	2 00
HOLMES' EARLY WONDER. New. Bright red; large; perfectly smooth; coming in about the same time as the Earliana, but somewhat larger and considerably smoother, having very small seed-cavities and plenty of meat, ripening entirely to the stem. We believe this to be one of the best varieties grown today for the market-gardener as well as for the home gardener.....	75	2 00	6 00
LIVINGSTON'S DWARF STONE. Resembles Livingston's Stone in color and shape. Specimen fruits weighing one pound are common. Vastly more productive and equally as early as New Dwarf Stone..	35	85	2 75
LIVINGSTON'S NEW GLOBE. Globe-shape; early; large size; smooth; firm-fleshed; color glossy rose, tinged purple; very delicate.....	35	85	2 75
MATCHLESS. Fruit large, smooth, free from core; rich cardinal-red.....	35	85	2 75
Perfection. Smooth, tough skin of brilliant scarlet; solid; rich flavor.....	30	75	2 00
Ponderosa. The largest Tomato of all.....	35	1 00	3 50
SPARKS' EARLIANA. Remarkable for earliness, large size, handsome shape and bright red color; solid; fine quality.....	35	85	3 00
STONE. Fruit round, apple-shaped, very large; deep red; heavy.....	35	75	2 75
STOKES' BONNY BEST EARLY. Nearly as early as Earliana; color intense scarlet and ripening even up to the stems; round and slightly flattened at the stems. Of good size and uniform. Good for early, medium and late crop.....	30	85	3 00
Trophy. Extra selected; an old favorite.....	30	75	2 75
Yellow Plum, Yellow Pear, Red Pear. For preserving.....	35	85	3 00

HOLMES' HIGH-GRADE FERTILIZERS

PRICES SUBJECT TO
MARKET CHANGES

Bone Flour (Pure). Ground perfectly fine; excellent for pot-plants or beds. 5 lbs. 25 cts., 10 lbs. 45 cts., 25 lbs. \$1. 50 lbs. \$1.50, 100 lbs. \$2.50, bbl. of 200 lbs. \$4.50, ton \$40.
Bone Meal. Strictly pure and fresh. 3-lb. bag 15 cts., 5-lb. bag, 25 cts., 10 lbs. 40 cts., 25 lbs. 75 cts., 50 lbs. \$1.25, 100 lbs. \$2, 200-lb. sack \$3.75, ton \$33.
Holmes' Plant Food. Very effective, clean and easily applied. Pkg. 15 cts., 4 pkgs. 50 cts. (by mail, 24 cts. per pkg.).
Muriate of Potash. Lb. 10 cts., 5 lbs. 35 cts., 10 lbs. 50 cts., 25 lbs. \$1.15, 50 lbs. \$1.75, 100 lbs. \$3, 200 lbs. \$5.50.
Nitrate of Soda. Should not be applied until the plants are above the ground, when 100 to 150 lbs. per acre should be

sown with other fertilizers, or mixed with phosphates. Lb. 8 cts., 5 lbs. 30 cts., 10 lbs. 50 cts., 25 lbs. \$1.10, 50 lbs. \$2, 100 lbs. \$3.50, 200 lbs. \$6.50.
Phosphate, High-grade Ammoniated. Apply 600 lbs. per acre. 5 lbs. 20 cts., 10 lbs. 35 cts., 25 lbs. 60 cts., 50 lbs. \$1, 100 lbs. \$1.75, 200 lbs. \$3, ton \$25.
Sulphate of Potash. 5 lbs. 40 cts., 25 lbs. \$1.50, 100 lbs. \$4, 200 lbs. \$7.25.
Sheep Manure. Pure, fresh, pulverized. A fine fertilizer for quick effect, and for mixing with potting soil. 2 lbs. 15 cts., 5 lbs. 25 cts., 10 lbs. 40 cts., 25 lbs. 75 cts., 50 lbs. \$1.25, 100 lbs. \$2, 500 lbs. \$9, ½ton \$16, ton \$30.

TABLE TURNIPS

Herbst-Rübe Navene
Rzoper Crukiew

In fall and winter, stock need Turnips and Rutabagas to keep them in good condition. There are a great many varieties, but our list comprises the best for the garden or farm.

CULTURE.—Sow half an inch deep in rows about 2 feet apart, or sow broadcast. Weed and thin out, so the young plants will not be checked and injured. Get spring and summer crops started very early. In the middle and western states, sow for fall and main crop from middle of July to the last of August. One ounce for 100 feet of drill; two pounds per acre, broadcast.

ALL PACKETS 5 CTS. EACH, OZ. 10 CTS. IN LOTS OF 5 LBS., DEDUCT 10 CTS. PER LB.

WHITE-FLESHED VARIETIES

	BY MAIL	POSTPAID
COW HORN, or LONG WHITE. Carrot-like in form, slightly crooked; delicate and well flavored; valuable as a market sort for fall and early winter, also for turning under.....	25	50
EARLY PURPLE-TOP STRAP-LEAVED. Early; favorite for table use; medium size; flesh white.....	20	50
Early White Flat Dutch. Standard early, white flat Turnip.....	20	50
EXTRA-EARLY PURPLE-TOP MILAN. All in all, these Milan Turnips leave little to be desired in the way of an extra-early garden Turnip.....	25	75
PURPLE-TOP WHITE GLOBE. Nearly as large as Pomeranian White Globe; white flesh; excellent; equally desirable for table or stock.....	20	50
White Egg. Oval or egg-shaped; firm; mild; sweet.....	20	50
White Globe. Globe-shaped; early; mild and tender.....	20	50

YELLOW-FLESHED VARIETIES

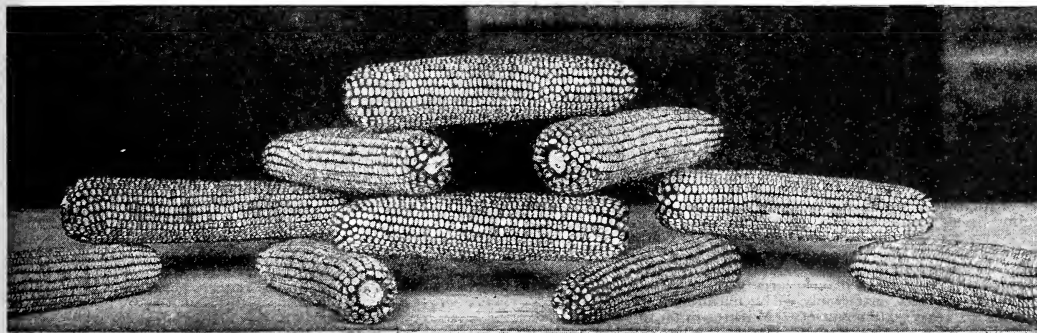
Golden Ball, or Orange Jelly. Medium size.....	20	50
Purple-Top Yellow Aberdeen. Large, globe-shaped.....	20	50
Yellow, or Amber Globe. Yellow-fleshed; globe-shaped; large.....	20	50
RUTABAGA (Russian or Swedish Turnip). Two to three lbs. to the acre.....		
Improved American Purple-Top. Old popular standard; rich flavor.....	20	50

FIELD SEEDS, NOT PREPAID

The prices on Farm Seeds may change as the season advances. Prices now given are those prevailing when this catalogue was published. It will be of advantage to intending purchasers to write for samples and special prices before ordering in large quantities.

HOLMES' THOROUGHbred FIELD CORN

Our seed is well cured and true to name. It pays to renew your seed stock of Field Corn. Do not inbreed. Varieties offered have all been grown from finest selected stock seed. Long grains, small cob, long ear, well-filled butt, grains uniform, vigorous stalks, two and three perfect ears to each stalk—these are some of the important things to watch in getting Seed Corn. Even the stalks from which seed ears are pulled should be carefully chosen. All of our seed is grown, harvested and raised with these things in mind, and it is good seed in every way.



Holmes' Early Golden Surprise Corn

Holmes' Early Golden Surprise 90-DAY FIELD CORN

Grown by the Originator

Incomparable in solidity, uniformity, development of the tip and butt, extraordinary yield, universal satisfaction. Its vitality is so great that neither wet nor dry weather noticeably influences its growth and maturity. Produces a great quantity of superior-quality shelled Corn on account of extreme smallness of cob and depth of grain. Cobs may be inserted in an ordinary finger-ring. Rich golden color; 63 pounds of ears produced 56 pounds of shelled Corn; vigorous grower, with short, strong stalks and an abundance of foliage, which makes excellent fodder. It matures uniformly in 90 days from planting. By mail, postpaid, large pkt., 10 cts., lb. 30 cts., 3 lbs. 70 cts. By freight or express, not prepaid, qt. 15 cts., 1/2 bus. \$1.25, bus. \$2.25, 2-bus. sack \$4.25, 10 bus. and over, \$2 per bus.

BY EXPRESS OR FREIGHT, NOT PREPAID

	4 qts.	14 lbs.	50 lbs.	2 bus.
Drought-proof Yellow Dent. Deep, golden grains; small cob; large ears.....	\$0 40	\$0 75	\$2 00	\$3 75
Golden Beauty. Large grain; small cob; rich golden yellow.....	40	75	2 00	3 75
GOLD STANDARD LEAMING. Ears 9 to 11 inches long, 7 1/2 to 8 inches in circumference; stalks, 9 to 12 feet. Very valuable for ensilage.....	40	75	2 00	3 75
Holmes' Giant Ensilage. Immense yield of stalk; good ears; fine for stock.....	40	75	2 00	3 75
Holmes' Snowflake. Pure white seed Corn.....	40	75	2 00	3 75
IMPROVED MASTODON. One of the largest-eared early Dent Corns. Makes fine shelled Corn.	40	75	2 00	3 75
Iowa Gold Mine. Bright golden yellow; grain deep, cob small.....	40	75	2 00	3 75



FIELD CORN, continued

Holmes' Champion Yellow Dent.

The King of All Field Corns. The average yield for the past ten years on seventy to ninety acres was 125 bushels per acre; largest yield, 160 bushels per acre. Ears 10 to 12 inches long, 6 to 8 inches in circumference, eighteen to twenty-two rows. Strong growth, 10 to 12 feet high. Selected seed direct from the originator's own stock. . . . \$0 50 40 40 40 40 40 40

	BY EXPRESS OR FREIGHT	NOT PREPAID	Bus.	10 bus. and over
Pride of the North. Stalks short-jointed, leafy; kernels very deep	40	75	2 00	3 75
Red-Cob Ensilage. Very tall; leafy; grain white, cob red	40	75	2 00	3 75
Reid's Yellow Dent. Ears large, deep-grained; deep yellow	40	75	2 00	3 75
Sweet Fodder Corn. Nothing can make better feed	40	75	2 00	3 75
White Cap Yellow Dent. Very early; great yielder	40	75	2 00	3 75

SEED OATS

LONG'S STORM KING. Clean; bright; no smut; drought-resister; greatest yielder ever brought here. Wonderfully long straw and heavy head. . . . \$0 50 50 1 75 3 25 1 50

LONG'S WHITE TARTAR. Best for all-round purposes. Earliest variety, straw averaging 4 to 5 feet and is rust-proof; golden yellow. Grains white with golden cast. A measured bushel weighs from 36 to 42 pounds. Our seed grown on farms of I. S. Long. . . . 50 1 75 3 25 1 50

BARLEY

Beardless. This variety is free from beard. By express or freight, not prepaid, pk. 50 cts., bus. (45 lbs.) \$2, 2 bus. \$3.75, 10 bus. and over, \$1.75 per bus.

Triumph. Bearded; 6-rowed; straw stiff, erect; immense yielder. By express or freight, not prepaid, pk. 50 cts., bus., (45 lbs.) \$2, 2 bus. \$3.75, 10 bus. and over, \$1.75 per bus.

SUNFLOWER

Mammoth Russian. Large heads; valuable for poultry. Postpaid, oz. 10 cts., lb. 15 cts.; by freight or express, not prepaid, 10 lbs. 80 cts., 100 lbs. \$6.

BUCKWHEAT

Japanese. Much superior to the common Buckwheat. By freight or express, not prepaid, pk. (12 lbs.) 50 cts., bus. (48 lbs.) \$1.75, 2-bus. \$3.35, 10 bus. and over, \$1.50 per bus.

Silver Hull. Grains silvery gray, making white flour. By freight or express, not prepaid, pk. (12 lbs.) 40 cts., bus. (48 lbs.) \$1.75, 2 bus. \$3.25, 10 bus. and over, \$1.50 per bus.

BROOM CORN

Improved Evergreen. Very early; 8 to 10 feet; brush good length, straight. By freight or express, not prepaid, pk. (12 lbs.) \$1, bus. (48 lbs.) \$3.50, 2 bus. \$6.50, 10 bus. and over, \$3 per bus.

KAFFIR CORN (White)

Used for feeding pigeons, poultry, etc.; fodder fed green or dry to dairy cows; height 4 to 5 feet. By freight or express, 8 cts. per lb., bus. (48 lbs.) \$3, 2 bus. \$5.50, 10 bus. and over, \$2.75 per bus.

RYE

Spring Rye. True stock. An excellent catch crop. By freight or express, not prepaid, pk. (12 lbs.) 75 cts., bus. (48 lbs.) \$1.75, 2 bus. \$3.25, 10 bus. or over, \$1.60 per bus.

White Winter Rye. Much harder than wheat. Grown for grain, also for straw and soiling purposes. By freight or express, not prepaid, pk. (12 lbs.) 75 cts., bus. (48 lbs.) \$1.75, 2 bus. \$3.25, 10 bus. and over, \$1.60 per bus.

TIMOTHY SEED

Holmes' "Eclipse Brand." Strictly Minnesota-grown. See our samples. Marke tchanges. Before ordering, ask for prices.

MANURIAL CROPS

The farmer who is getting poor yields because of impoverished soil is doing a great injustice to himself. The chief thing it needs is organic matter, and if he cannot afford to give enough of this in the form of manure, he can afford to grow and turn down certain good cover-crops for fertilizing. Chief among them are the legumes and members of the pea and bean family. The clovers of various kinds are beneficial as soil-renewers. The poor man who would enrich his soil should do so, not by expensive commercial fertilizers, but by growing legumes and turning them down. He can then add lime, phosphoric acid in the form of acid phosphate, and potash in the form of kainit or wood-ashes, and will find the soil then to contain fairly well-balanced rations for plant-food, and be rich and productive in a few seasons.

COWPEAS

Valuable for producing milk, growing young stock and fattening all kinds of domestic fowls and animals. Effective fertilizer. Ruling prices today. Write, as prices may have changed.

	BY EXPRESS OR FREIGHT	NOT PREPAID	Pk.	Bus.
Black. Quick to mature, well adapted for late planting	\$0 90	90	\$3 50	
Clay. Tall; large green leaves; large yellow pod		90	3 50	
Large Black Eye. Extremely early; matures in 6 to 8 weeks		90	3 50	
New Era. Very regular variety. Matures in 60 to 75 days		90	3 50	
Whippoorwill. Matures early. One of the best for late planting		90	3 50	

SOJA BEANS

Soja Beans take the place of clover where the soil is not fertile, both for hay and for fertilizing purposes. Sure cropper. One of the richest of natural stock-foods. Sow about one bushel per acre.

Mammoth Yellow. . . . By freight or express, not prepaid, pk. 85 cts., bus. \$3.25

DWARF ESSEX RAPE

Extensively grown for sheep forage, and for green manure. Farmers who desire to get young cattle, sheep or lambs into favorable condition to be sold advantageously in the fall, can do it most cheaply by growing this. Three pounds of seed to the acre. Per lb. 15 cts., postpaid; by freight or express, per lb. 10 cts., bushel of 60 lbs., \$5, 100 lbs. and over at 8 cts. per lb.

SORGHUM, or SUGAR CANE

Sorghum is a sweet fodder of most luxuriant growth. There is no better feed for horses. Fed to cows, proves a great milk producer, and is a wonderful feed to fatten hogs. Sorghum will produce as high as twenty tons to the acre, and two or three cuttings in a single season.

	BY MAIL POSTPAID.	NOT PREPAID	Lb.	3 lbs.	Pk.	Bus.
Early Amber. Grows 11 to 12 feet; seed excellent food for stock and poultry	\$0 20	20	\$0 55	\$0 85	\$3 00	
Early Orange. Largely planted in the southern states		20	55	85	3 00	



FIELD PEAS

Peas are second only to clover in their soil-enriching properties, and can be grown under almost any condition. The vines make rich, nutritious hay.

BY EXPRESS OR FREIGHT, NOT PREPAID

Bus. 10 bus.

Canada Field Peas. A small-seeded, very hardy Pea, valuable to sow early in spring, in connection with Pk. (60 lbs.) per bus. stiff-strawed oats, to produce green foliage for making ensilage or to turn under.....\$0 75 \$2 50 \$2 35
Large Marrowfat. Growth immense; excellent for hay.....1 25 4 50 4 25

SPRING VETCH

Used for the same purpose as Sand Vetch, but will not thrive on poor soil or withstand extremes of weather so successfully. Sow with oats, using a bushel of each to an acre. **Per lb., postpaid, 20 cts.; by freight or express, lb. 10 cts., 10 lbs. at 7 cts. per lb., bushel \$3, 100 lbs. \$6.**

SAND, HAIRY or WINTER VETCH

A large-yielding and nutritious winter forage crop; splendid for grazing and soil-improving. An annual, but resows itself and will come up year after year on the same ground. Thrives on poor, light land. May be sown in spring or fall, with about half a bushel of rye or oats for support. **Per lb., postpaid, 25 cts.; by express or freight, per lb. 20 cts.; 100 lbs. \$16.**

MILLETS

Prices Subject to Change

	BY MAIL POSTPAID		BY EXPRESS OR FREIGHT NOT PREPAID	
	Lb.	3 lbs.	Pk.	Bus.
Common Millet. Best quality.....	\$0 15	\$0 40	\$0 40	\$1 50
German or Golden Millet. Our seed is southern-grown; will produce more than double the fodder usually got on the same ground. 4 to 5 feet. Sow one bushel to the acre.....	15	40	50	1 75
Hungarian Millet. A valuable forage plant of the Millet family, but not so coarse. Sown and cultivated same as Millet.....	15	40	50	1 75
Japanese Millet. Valuable as a quick-growing forage and ensilage crop; 6 to 8 feet. Use 10 to 12 pounds to the acre.....	15	40	75	2 50
Pearl Millet, or Penicillaria. Immense yield; 8 to 10 feet; can be cut several times during a season. Sow 10 pounds to the acre.....	30	75	1 50	5 25
Siberian Millet. Very productive; 4 to 5 feet; withstands drought wonderfully.....	15	40	65	2 25

VEGETABLE PLANTS AND ROOTS

We make a specialty of growing and supplying market-gardeners and private gardens with the very best, **strong, well-rooted, transplanted** vegetable plants in any quantity. While we grow enormous quantities of all varieties, the demand for our plants is always greater than our supply. For this reason we advise you to order as early as possible. To the dozen prices add 4 cts., if wanted by mail. The price per 100 in flats means that we will ship them by express still growing in these flats or boxes, not prepaid. The price per 100 out of flats means we will ship the plants by express, securely packed in moist moss, express charges to be paid by the purchaser. The price per 1,000 or 5,000 means by express, charges to be paid by purchaser.

ASPARAGUS ROOTS. See *Asparagus*, page 3.

	Doz.	100 in flats	100 out of flats	1,000 per 1,000	5,000 per 1,000
CABBAGE, Jersey Wakefield. Best early pointed head.....	\$0 15	\$0 75	\$0 45	\$3 50	\$3 00
Copenhagen Market. Flat head; as early as Jersey Wakefield.....	15	75	45	3 50	3 00
Early Flat Dutch. Second-early.....	15	75	45	3 50	3 00
The Holmes Cabbage. Best early round head.....	15	75	50	3 50	3 00
Late Flat Dutch.	15	75	40	2 25	2 00
Houser (set plants 2 weeks earlier than other late varieties).....	15	85	50	2 25	2 00
CAULIFLOWER, Holmes' Early Snowball and Danish Giant.	25	1 25	1 00	8 00	7 50
CELERY, Holmes' White Plume.	15	75	45	3 00	2 50
Improved Golden Self-blanching.	15	75	45	3 00	2 50
Winter Queen.	15	75	45	3 00	2 50
Giant Pascal.	15	75	45	3 00	2 50
EGGPLANT, Black Beauty.	30	1 50	1 25	7 00	6 50
New York Improved.	30	1 50	1 25	7 00	6 50
HORSE-RADISH ROOTS.	15		50	4 00	3 60
PARSLEY, Double Curled.	15	1 00	75	4 50	4 00
PEPPER, Holmes' Prolific Sweet, Chinese Giant, Bell or Bull Nose, Ruby King.	25	1 50	1 25	7 50	6 75
RHUBARB ROOTS. <i>Victoria.</i> Large; red.....	75		5 00	40 00	35 00
SWEET POTATO PLANTS. (Ready in May.) <i>Yellow.</i>	10		30	2 00	1 70
TOMATO, New Stone.	20	1 00	75	4 00	3 50
Earliana.	20	1 00	75	4 00	3 50
Matchless.	20	1 00	75	4 00	3 50
Ponderosa.	20	1 00	75	4 00	3 50
Dwarf Champion.	20	1 00	75	4 00	3 50
Golden Queen. <i>Yellow.</i>	20	1 00	75	4 00	3 50

SPECIAL.—If field-grown plants are wanted, we can supply most of the above at \$2.50 per 1,000. Write us about it.

HEDGE PLANTS

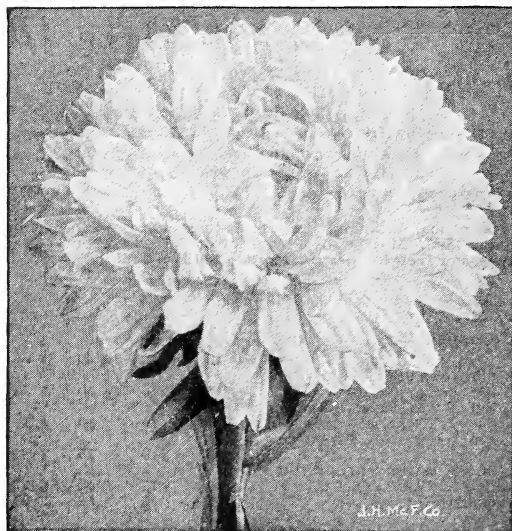
California Privet (*Ligustrum ovalifolium*)

More of it has been planted than all others combined. Its foliage is a rich dark green and is nearly evergreen, remaining on the plant until midwinter. The best manner of planting is in double rows, the two rows being about 8 inches apart. The smallest-size plants here offered should be set 10 to 12 inches apart in the row—alternating the plants—while the larger sizes may be set 12 to 15 inches apart. **Plants 18 to 24 inches, \$3.50 per 100, \$30 per 1,000; plants 2 to 3 feet, \$5.50 per 100, \$50 per 1,000; plants 3 to 4 feet, \$8.50 per 100, \$80 per 1,000.**

Bedding Plants will be Ready to Ship May 1 to 15. Customers can order these at same time with other items, and they will be shipped in proper season. These plants will be carefully packed and will reach the buyer in thrifty, growing condition.



Holmes' Superior Flower Seeds



Branching Aster

On the following pages are listed the very best flower seeds that can be grown. We offer them with the full consciousness of their superiority, knowing that they will give unbounded satisfaction. We guarantee all of them to be **absolutely fresh, new crop, tested and of strong germination power.**

We have listed all seeds by their best-known names, using the botanical in some instances and the English names in others. There are also cross references wherever needed so that every variety may readily be found under either name.

Following each name will be found letters according to the following table, showing the nature and character of each plant, and figures showing the height to which it naturally grows. The letters and their meanings are as follows:

A. Annual—Blooming the same year of planting but dying in the fall.

HA. Hardy Annual—Growing with but little care.

HH. Half-Hardy Annual—Requiring protection in unfavorable seasons.

B. Biennial—Lasting two years.

HP. Hardy Perennial—Permanent in growth, coming up each spring from the roots, and increasing in size and beauty.

TP. Tender Perennial—Requiring mulching or protection during the winter.

GP. Greenhouse Perennial Plants—Those suitable only for growing in pots in the conservatory or house.

GS. Greenhouse Shrubby Plants, which are appropriate for greenhouse culture, but which can be planted outside during the summer.

We shall be glad, at all times, to answer questions relative to the growing of flowers, and will cheerfully give our patrons the benefit of our experience. Write us for any information desired.

Holmes' Special Collections of Flower Seeds

A NEW MONEY-SAVING PLAN—SATISFACTION GUARANTEED

To give our patrons all the advantages possible in their purchase of flower seeds, we have devised a plan whereby everyone has a chance to make his own selection of seeds, but to obtain them at reduced prices. By this plan selections and payments may be made as follows:

Select Flower Seeds to the value of \$3.00 and remit \$2.00 with the order.

"	"	"	"	"	"	2.00	"	"	1.40	"	"
"	"	"	"	"	"	1.50	"	"	1.00	"	"
"	"	"	"	"	"	1.00	"	"	.70	"	"

In all cases the order will be filled exactly as desired, but, in order to take advantage of this reduced price offer, it will be necessary to mention the fact in the order.

AGERATUM (Floss Flower). A. For edging. Pkt. Lge. pkt.									
31	Blue Perfection.	9 in. Blue.....	\$0 10	\$0 20					
32	Blue Star.	5 in. Bright blue.....	15	50					
34	grandiflora alba.	9 in. White; large....	10	15					
35	Princess Victoria Louise.	6 in. Light blue, white center.....	10	30					
36	Fine Mixed.	Both colors mixed.....	05	15					
ALYSSUM. Clusters of small flowers all summer. For edging.									
51	saxatile compactum	(Basket of Gold). Pkt. Oz.							
	HP. 1 ft. Yellow.....	\$0 05	\$0 75						
52	Little Gem.	HA. 6 in. White; spreading.	05	50					
53	procumbens	(Carpet of Snow). HA. White; very dwarf.....	05	60					
54	maritimum	(Sweet). HA. 6 in. White..	05	25					
AMARANTUS. A. 2 to 3 ft. Handsome foliage and plume-like flowers. Pkt. Lge. pkt.									
59	caudatus	(Love-lies-bleeding). Red.....	\$0 05	\$0 15					
63	tricolor.	Variegated foliage.....	05	20					
64	Mixed.	All kinds and colors.....	05	15					
ANTIRRHINUM (Snapdragon). HP. Magnificent trusses of odd-shaped flowers.									
Tall Varieties. 2 to 3 ft. Pkt. Lge. pkt.									
84	Giant Pink.	\$0 10 \$0 25	87	White...	10	25			
85	"	Scarlet 10 25	88	Yellow...	10	25			
86	"	Striped. 10 25	89	Mixed...	10	20			
Semi-dwarf Varieties. 1 to 1½ feet.									
94	Daphne.	Bright pink.....	15	40					
95	Firefly.	Scarlet and white.....	10	20					
96	Golden Queen.	Yellow.....	10	20					
97	Queen of the North.	White.....	10	20					
Dwarf Varieties. 6 inches.									
98	Golden Sun.....		10	40					
99	Mixed.....		05	20					
AQUILEGIA (Columbine). HP. 2 ft. Quaint, spurred flowers on long stems.									
108	chrysantha alba.	White.....	10	30					
109	California Hybrids.	Yellow and scarlet....	10	25					
110	cærulea.	Blue.....	10	40					
115	Single Mixed.	All colors.....	05	15					
116	Double Mixed.	All colors.....	05	15					

125	ARISTOLOCHIA	Sipho (Dutchman's Pkt. Lge. pkt. Pipe). HP. Vine.... 30 seeds, 10c...		
	ASPARAGUS.	GP. Trailing. Feathery foliage on long stems; for pots and baskets.		
135	plumosus.	Fine, lace-like foliage.....	\$0 25	\$1 00
136	Sprengerii.	Coarser foliage; red seed berries.....	10	50

Asters. A. 1 to 2 ft.

The best known and most popular of all late-blooming garden annuals. Some are handsomely quilled and others rival the largest chrysanthemums in form and beauty. Special instruction in their cultivation will be sent upon application.

ASTERMUM. A Glorified Aster

The plant itself grows straight up, with very strong, sturdy stems starting near the base and reaching 18 to 24 inches; even the center stems are plenty long enough for the market.

The three colors are unsurpassed. The lavender has never been produced before. The pink is the beautiful pink of the rose, and the white is as white as the driven snow. Each plant yields from ten to fifteen blooms measuring fully 5 inches in diameter, and their solidity is such that they make good shippers. They do not require either disbanching or disbudding, in fact, there are but few side buds. Owing to the symmetry of the plants, they may be set only 9 inches apart. They seem to vie with each other in reaching up and the roots are better shaded; in case of storm, they support each other and protect the blooms.

137 Pink. A beautiful rose-pink.

138 Lavender. A delightful new shade in this form of Aster.

139 White. As white as the driven snow.

Pkt. 20 cts., ¼oz. \$2.50. One packet of each color for 50 cts.

Holmes' New Imperial Asters. Comet Pkt. Oz.

140	Daybreak.	Shell-pink.....	\$0 10	\$3 00
141	Lavender.	Charming shade.....	10	3 00
142	Purity.	Pure white.....	10	3 00
143	Sunset.	Light pink; deep center.....	10	3 00



ASTERS, continued

150	Holmes' Lavender Gem . Delicate color; feathered like an ostrich-plume.	Pkt.	Oz.	\$0 10	\$2 50
	Holmes' Mikado Asters . Beautifully curved and twisted petals.	Pkt.	Lge. pkt.		
155	Rochester . Lavender-pink; very large.	\$0 15	\$0 50		
156	White . Midseason; extra large.	15	50		
160	Holmes' Rose King . Brilliant rose-color; very large.	\$0 15	\$2 50		
165	Holmes' Royal Purple . Full-double; handsome; dwarf.	10	2 50		
170	Holmes' Violet King . Soft violet-lilac; petals very much twisted and curled.	10	2 00		
	Giant Comet Asters . Resemble chrysanthemums; often 6 inches across; petals long and twisted.				
175	Rose . Delicate shade.	10	3 00		
176	White . Clear and brilliant.	10	3 00		
177	Mixed Colors .	10	2 00		
	Giant Ostrich-Feather Asters . Petals very much twisted, resembling a hand-some plume.	Pkt.	1/2 oz.		
180	White	\$0 10	\$0 60	182 Carmine	\$0 10
181	Rose	10	60	183 Blue	10
				184 Mixed	10
	Giant Late Branching Asters . Extra-large flowers. Fine for cutting.	Pkt.	Oz.		
190	White	\$0 05	\$1 50	193 Lavender	\$0 05
191	Pink	05	1 50	194 Crimson	05
	Holmes' Queen of the Market Asters . Distinct type; very large flowers on long stems. Extra early.	05	1 50	195 Mixed	05
200	Indigo-Blue	\$0 05	\$1 00	202 Rose	05
201	Red	05	1 00	203 White	05
				204 Mixed	05

AVENA sterilis. See Grasses.

BACHELOR'S BUTTON. See Centaurea.

BALSAM, Camellia-flowered (*Impatiens Balsamina*). Lady's Slipper. HHA. 1 1/2 ft. The well-known, old-fashioned garden plant, bearing daisy, double, rose-like flowers on an erect stalk. See, also, *Impatiens*.

210	Pink	\$0 10	\$1 00	212 Scarlet	10
211	Salmon-pink	10	1 50	213 White	10
				214 Mixed	10

BALSAM APPLE; BALSAM PEAR. See *Momordica*.

BABY'S BREATH. See *Gypsophila*.

224	BEANS, SCARLET RUNNER . A Climbing. Broad foliage and scarlet flowers followed by long, edible beans. Fine for porches.	Pkt.	Pt.	\$0 05	\$0 20
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BEGONIA. GP. 1 to 1 1/2 ft. Handsome foliage and flowers.

Tuberous-rooted. For massing in shady places.

252	Single Varieties . Choice mixed	\$0 15	\$0 65		
253	Double Varieties . Choice mixed	25			

See, also, Summer-flowering Bulbs and Roots, for Tuberous-rooted Begonia bulbs.

BLACK-EYED SUSAN. See *Thunbergia*.

BLANKET FLOWER. See *Gaillardia*.

266	BRACHYCOME (Swan River Daisy). A. 1 foot. For edging. Mixed colors.	05	20		
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BRIZA maxima. See Grasses.

BROMUS brizæformis. See Grasses.

BUTTERFLY FLOWER. See *Schizanthus*.

CALENDULA officinalis (Pot Marigold).

A. 1 to 2 ft. Showy garden flowers, constantly in bloom.

288	Prince of Orange . Bright yellow and orange.	\$0 05	\$0 25		
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289	Striped Meteor . Striped orange and cream.	05	25		
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290	Double Mixed . Orange, yellow and white.	05	25		
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CALIFORNIA POPPY. See *Eschscholtzia*.

CALLIOPSIS, or COREOPSIS. 1 to 2 ft. Showy, large, daisy-like flowers.

295	coronata . A. Yellow.	05	25		
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296	Golden Wave . A. Yellow.	05	25		
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297	Mixed Varieties . A.	05	25		
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298	lanceolata (Coreopsis). HP. Brilliant.	10	75		
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CAMPANULA. Bell-shaped flowers in splendid spikes.

Biennial Varieties:

	Medium (Canterbury Bells). 2 ft.	Pkt.	Lge. pkt.		
308	Blue	\$0 05	\$0 30		
309	Pink	05	15		
310	White	05	15		
311	All Colors Mixed	10	20		

Biennial Campanulas, continued

	Calycanthemum (Cup-and-Saucer). 2 ft.	Pkt.	Lge. pkt.		
316	Blue	\$0 10	\$0 30		
317	Pink	10	30		
318	White	10	30		
319	Mixed	10	25		
	Perennial Varieties:				
324	Carpatica (Harebell). 6 to 8 inches.				
325	Blue	05	15		
330	White	05	15		
335	Persicifolia grandiflora (Peach Bells). 4 ft. White flowers in stately spikes.	15	30		
	Pyramidalis (Chimney Bellflower). 6 ft. Majestic pyramids of blue, bell-shaped flowers.	05	20		
	CANDYTUFT (Iberis). HA. Clusters of small flowers; fine for borders and cutting. All colors.	Pkt.	Oz.		
340	Holmes' Giant White . 1 ft. Extra fine.	\$0 10	\$0 60		
342	Crimson	05	30		
343	Empress . White; extra large.	10	40		
347	White Rocket . Long, heavy spikes.	05	25		
360	CANNAS (Indian Shot). A. 3 to 6 ft. Mostly grown from roots, but can successfully be grown from seed, by cutting seed with a sharp file. Mixed colors. See, also, Bulbs and Roots.		05	25	
	CANTERBURY BELLS . See <i>Campanula</i> .				
	CARDINAL FLOWER . See <i>Lobelia cardinalis</i> .				
	CARNATION, Marguerite . A. 1 1/2 ft. Well-known garden flowers of spicy fragrance.	Pkt.	Lge. pkt.		
370	Red	\$0 10	\$0 40	372 Striped	10
371	Scarlet	10	40	373 White	10
				374 Mixed	10
	CARNATIONS . 1 1/2 ft. Florists' greenhouse sorts.				
377	Fancy Extra Choice . Mixed colors.	10	50		
379	Fancy Picotee . Mixed colors.	10	50		
	CARPET-OF-SNOW . See <i>Alyssum</i> .				
	CASTOR-OIL PLANT . See <i>Ricinus</i> .				
	CELOSIA (Cockscomb). A. 1 to 2 ft. Brilliant bedding plants. Fine for pots.				
383	Dwarf Feathered . Rose-colored.	05	25		
384	Glasgow Prize (Crimson Comb). Crested.	05	25		
385	Thompsoni magnifica . Yellow and red plumes.	10	25		
386	Dwarf Mixed . Low-growing; mixed colors.	05	15		
387	Extra Fine Mixed . All kinds.	05	25		
	CENTAUREA Cyanus (Cornflower). HA. 1 to 3 ft. Handsome old-fashioned flowers.	Pkt.	Oz.		
392	Emperor William . Blue; extra large.	\$0 05	\$0 50		
393	Double Blue . Very large; handsome.	10	1 50		
396	Single Mixed	05	25		
397	Double Mixed	05	25		
415	CENTAUREA moschata (Sweet Sultan; Bachelor's Button). Handsome, fragrant, purple and white flowers.	\$0 05	\$0 25		
	CHIMNEY BELLFLOWER . See <i>Campanula</i> .				
	CHINESE PRIMROSE . See <i>Primula</i> .				
420	CHRYSANTHEMUM . HP. 1 1/2 to 3 ft. Double Mixed . All colors; autumn.	20	65		
421	frutescens (Marguerite, or Paris Daisy). Yellow disc.	10	20		
422	Shasta Daisy , "Alaska." White.	20	65		
	CIGAR PLANT . See <i>Cuphea</i> .				
	CINERARIA . GP. 6 to 18 inches. Brilliant round flowers of many colors.				
429	Prize Dwarf . All colors.	35	75		
430	Prize Medium Tall . Mixed colors.	35	75		
435	CINERARIA, White-leaved . For edging. maritima candidissima (Dusty Miller). Silvery green foliage, deeply cut.	05	15		
	CINNAMON VINE . See <i>Bulbs</i> .				
458	CLEOME pungens (Spider Plant). A. 4 ft. Bushy plant with odd pink flowers.	05	20		
	COBÆA scandens (Cup-and-Saucer Vine). A. 20 ft. Rapid climber bearing quaint cup-and-saucer-like flowers.				
463	White	05	30		
464	Violet-blue	05	15		
	COCKSCOMB . See <i>Celosia</i> .				
	COIX lacryma . See Grasses.				
	COLEUS . GS. 2 ft. Handsome plants, with foliage of many colors curiously marked and splashed.				
469	Large-leaved . Bronzy foliage.	15	65		
470	Finest Mixed . All colors.	10	50		



- COLUMBINE.** See *Aquilegia*.
CONVOLVULUS. See *Morning-Glory*.
COREOPSIS. See *Calliopsis*.
CORNFLOWER. See *Centaurea*.
COSMOS. A. 2 to 6 ft. Handsome, stately plants, with feathery foliage, bearing multitudes of brilliant flowers late in the season. Pinch tips of plants when a foot high to induce bushy growth.
- | | | | |
|-----|---|--------|--------|
| 475 | Holmes' Mammoth Perfection. Mixed Pkt. colors; flowers very large and round..... | Pkt. | Oz. |
| | | \$0 05 | \$0 50 |
| 476 | Lady Lenox. New. Large; shell-pink..... | 05 | 1 25 |
| 477 | Klondyke. Golden yellow..... | 10 | 1 25 |
| 478 | New Giant Mixed | 05 | 75 |
| 480 | Dawn. Dwarf; early; white..... | 05 | 75 |
| 481 | Mammoth Pink | 05 | 75 |
| 482 | Mammoth Crimson | 05 | 75 |
- COWSLIP.** See *Primula veris*.
490 CUPHEA platycentra (Cigar Plant). HHA. 1 ft. Quaint scarlet tubular flowers, with white tips. For baskets..... 15
CUP-AND-SAUCER. See *Campanula* and *Cobaea*.
CUT-AND-COME-AGAIN. See *Stocks*.
502 CYPERUS alternifolius (Umbrella Plant). GP. 2 ft. Graceful house plant with Pkt. Lge.pkt. long stems and palm-like foliage..... \$0 10 \$0 50
CYPRESS VINE (*Ipomaea Quamoclit*). A. 20 ft. Graceful climbing vine, with feathery foliage and star-like flowers.. Pkt. Oz.
509 Mixed..... \$0 05 \$0 25
CYPRESS, SUMMER. See *Kochia*.
DAISY, Swan River. See *Brachycome*.
Shasta. See *Chrysanthemum*.
Paris, or Marguerite. See *Chrysanthemum*.
DELPHINIUM (Larkspur). Stately spikes of beautiful flowers in June and in fall.
Perennial Varieties: Pkt. Lge.pkt.
525 Belladonna. 5 ft. Delicate blue..... \$0 25 \$0 65
527 Chinese (*D. grandiflorum album*). White..... 05 15
528 formosum. 5 ft. Deep blue..... 05 20
531 Mixed. All colors..... 05 20
Annual Varieties: Pkt. Oz.
536 Emperor. 3 to 4 ft. Mixed colors..... \$0 10 \$0 40
537 Tall Rocket. 2 ft. Mixed colors..... 05 30
538 Double Double Rocket. 1 ft. Mixed..... 05 25
Giant Hyacinth-flowered:
545 Mixed. 3 ft. All colors..... 05 50
DIANTHUS (Pinks). B. 1 ft. Charming, clove-scented flowers of the old time gardens. See, also, *Carnations*.
Double Varieties: Pkt. Lge.pkt.
550 Chinenais. All colors mixed..... \$0 05 \$0 15
551 Dwarf Snowball. White..... 05 20
552 Dwarf Fireball. Blood-red; globe-shaped 10 20
Single Varieties:
557 Salmon Queen. Salmon-pink; fringed... 05 20
558 stellaris (Star Pink). Mixed colors..... 05 15
559 Japonicus, "Eastern Queen." Fringed. 05 20
561 plumarius, "Pheasant's Eye." Dark center..... 05 15
562 scoticus (Florists' Pink). Mixed..... 10 20
563 laciniatus. Mixed. All colors..... 05 15
564 Large White. Resembles a carnation 05 20
barbatus (Sweet William).
569 Holmes' Giant Double. Mixed..... 05 20
570 Brilliant Red..... 05 20
571 Pure White..... 05 20
572 Perfection. Single; mixed colors..... 05 20
DIGITALIS (Foxglove). HP. 4 ft. Majestic spikes of tubular flowers of all colors.
588 monstrosa. Extra large; the spike is surmounted by one large flower..... 10 30
598 ECHINOCYSTIS lobata (Wild Cucumber). HA. Climbing vine. A rampant grower, covered in summer with dainty spikes of white flowers, followed by Pkt. Oz. curious seed-pods..... \$0 05 \$0 30
ESCHSCHOLTZIA (California Poppy). HA. 1 ft. Poppy-like flowers all summer.
603 Holmes' Mammoth White. White; large. 05 30
605 Golden West. Orange-yellow..... 05 40
606 Mandarin. Orange-yellow..... 10 35
607 Rose. Carmine-rose..... 10 40
608 Finest Single Mixed. All colors..... 05 25
EULALIA Japonica. See *Grasses*.
613 EUPHORBIA variegata (Snow-on-the-Mountain). HA. 2 ft. Ornamental foliage, veined and margined white..... 05 30
EVENING-GLORY. See *Ipomaea*.
EVENING PRIMROSE. See *Oenothera*.
FEATHER GRASS. See *Grasses*.

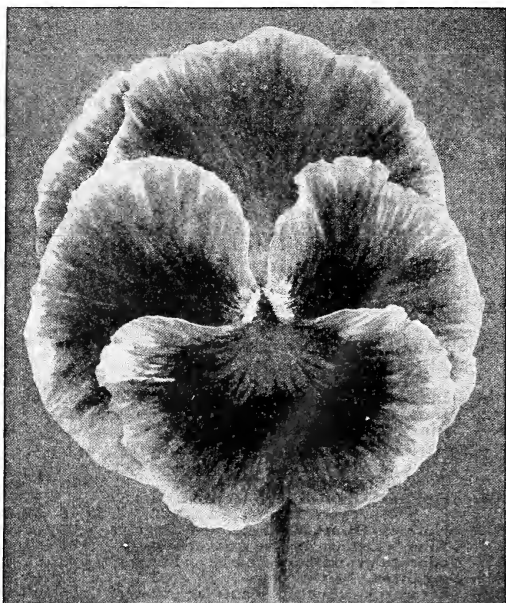


Holmes' Mammoth Perfection Cosmos

- FEVERFEW.** See *Matricaria*.
FLOSS FLOWER. See *Ageratum*.
FORGET-ME-NOT. See *Myosotis*.
FOUR-O'CLOCK. See *Mirabilis*.
FOXCLOVE. See *Digitalis*.
GAILLARDIA (Blanket Flower). 2 ft. Daisy-like flowers; shades of yellow and orange.
Annual Varieties: Pkt. Lge.pkt.
623 picta. Mixed colors..... \$0 05 \$0 15
624 Lorenziana fl. pl. Mixed colors..... 05 15
Perennial Varieties:
626 grandiflora. Mixed colors, brown center. 10 20
628 Salmon-red. Orange edge..... 10 30
GERANIUM (Pelargonium). GS. 1½ ft. Grows well from seed.
632 Zonal. Mixed colors..... 10 20
GLADIOLI. See *Bulbs and Roots*.
GLOXINIA. GP. 2 ft. Curious, velvet-throated flowers, handsomely marked, spotted and stained.
637 Holmes' Tiger-spotted. Gorgeous colors. 25 75
638 Mixed Hybrids. Brilliant colors; velvety foliage. See, also, under *Bulbs*. 25 75
GODETIA (Satin Flower). A. 1 to 2 ft. Handsome garden plants, in constant bloom.
645 Finest Mixed. All colors..... 05 15
GOURDS. A. 10 to 30 ft. Climbers of quick growth, bearing yellow flowers and curious seed-vessels. Pkt. Oz.
655 Sugar Trough (Sap Bucket). Largest .. \$0 05 \$0 25
656 White Egg (Nest Egg). Very useful..... 05 25
657 Dish-cloth (Luffa, or Bonnet Gourd)..... 05 25
658 Mock Orange. The best known..... 05 25
659 Mixed Ornamental. All sorts..... 05 20
GRASSES, Ornamental: Pkt. Lge.pkt.
665 Avena sterilis. A. Interesting..... \$0 05 \$0 15
666 Briza maxima (Quaking Grass). A. For bouquets..... 05 15
667 Bromus brizeformis. A. Winter bouquets. 05 15
668 Coix lacryma. Seed resembles tears..... 05 10
669 Eulalia Japonica. HP. Beautiful..... 05 15
670 Cynerium argenteum (Pampas Grass)... 05 15
671 Hordeum jubatum (Squirrel-Tail Grass)... 05 15
672 Pennisetum Rupeellianum (Purple Fountain Grass). A..... 05 15
673 Stipa pennata. HP. (Feather Grass)..... 05 15
678 GYPSOPHILA paniculata (Baby's Breath). HP. 3 ft. Small white flower-sprays, forming a misty effect..... 05 15
HELIANTHUS (Sunflower). A. and HP. Bold, majestic plants with large ray flowers.
683 cucumerifolius. A. 3 ft. Yellow..... 05 15
684 multiflorus. P. 4 ft. Double; golden..... 05 15
685 "The Dahlia." P. 7 ft. Double; golden..... 05 15
686 Silver-leaved. A. 4 ft. Foliage silvery..... 05 15
687 Miniature. A. 3 ft. Small; orange-yellow.. 05 15

692	HELENIUM <i>Bigelowii</i> . HP. 5 to 6 ft. Pkt. Lge.pkt.		
	Daisy-like yellow flowers.....	\$0 10	\$0 30
697	HELICHRYSUM (Australian Straw Flower). A. 2 to 3 ft. One of the best "Ever-lasting" flowers. All colors.....	05	15
	HELIOTROPE. GS. 2 ft. Beautiful sprays of small flowers of exquisite perfume.		
702	Holmes' Mammoth Blue. Largest of all. Flower-heads often measure a foot across.	10	50
703	Choice Mixed. All shades; delicious perfume.....	10	25
708	HESPERIS (Sweet Rocket; Dame's Rocket; Dame's Violet). HP. 2 to 3 ft. Spikes of white, lilac and pink flowers; fragrant...	05	15
	HOLLYHOCK (Althaea). HP. 4 ft. Majestic spikes of flowers of splendid colors. Pkt. Oz.		
720	Chater's Superb Double. Mixed colors.	\$0 10	\$2 00
721	Allegheny. Semi-double; mixed; fringed...	10	1 00
	HONESTY. See Lunaria.		
	HORDEUM jubatum. See Grasses.		
	HUMBLE PLANT. See Mimosa.		
726	HUMULUS <i>Japonicus variegatus</i> (Japanese Hop). A. 20 to 30 ft. Rapid climber with green and white foliage...	05	75
	ICE PLANT. See Mesembryanthemum.		
	IMPATIENS (Sultan's Balsam). GS. 2 ft. A charming house plant with dark green, shining foliage and bright flowers; always in bloom. Splendid garden plants, also. Pkt. Lge.pkt.		
731	Sultani. Rosy scarlet flowers.....	\$0 15	\$0 40
732	Holsti. Bright scarlet flowers.....	15	65
	Balsamina. See Balsam.		
	IPOMEEA (Evening-Glory). A. Climbing Vine. Rapid grower, with large flowers opening in the evening or on cloudy days. Pkt. Oz.		
742	noctiflora (Moonflower). White.....	\$0 10	\$0 75
743	grandiflora superba. Blue, with white margins.....	05	25
744	Mexicana grandiflora alba. White.....	05	25
	Quamoclit. See Cypress Vine.		
	JAPANESE HOP. See Humulus.		
	JERUSALEM CROSS. See Lychnis.		
	JOB'S TEARS. See Grasses.		
756	KOCHIA <i>tricophylla</i> (Summer Cypress, or Mexican Fire Bush). A. 3 ft. Forms a cypress-like hedge which turns deep red in autumn.....	Pkt. Lge.pkt.	\$0 10 \$0 15
	KUDZU VINE. See Pueraria.		
	LANTANA. GS. 2 ft. Verbena-like flowers in shades of yellow and bronzy reds. Constantly in bloom.		
761	Holmes' Mixed Hybrids. All colors.....	05	20
762	Dwarf Mixed. All colors.....	10	20
763	Tall Mixed. All colors.....	10	20
	LARKSPUR. See Delphinium.		
768	LATHYRUS <i>latifolius</i> (Perennial Pea). HP. Climbing Vine. Resemble sweet peas, but last for years. Mixed colors.....	Pkt. Oz.	\$0 10 \$0 30
778	LINARIA <i>cymbalaria</i> (Kenilworth Ivy). GS. 3 to 6 ft. Trailing plant with violet flowers. Fine for baskets and window-boxes.....	\$0 05	\$0 30
	LOBELIA. Handsome garden plants, valuable for their blue and white flowers.		
	Annual Varieties:		
783	compacta alba. White; trailing.....	10	30
784	compacta. Mixed colors.....	10	30
785	Crystal Palace. Dwarf; blue; trailing...	10	25
	Perennial Variety:		
786	cardinalis (Cardinal Flower). Rich cardinal-red.....	10	50
	LOVE-IN-A-MIST. See Nigella.		
791	LUNARIA <i>biennis</i> (Honesty; Satin Flower). B. 2 ft. Interesting garden plants with purple flowers and curious, transparent seed-pods much used for winter decoration.....	Pkt. Oz.	\$0 05 \$0 40
	LUPINUS (Lupin). A. and HP. 2 ft. Splendid showy plants bearing fine spikes of pea-shaped flowers of all colors.		
796	Annual Varieties. All colors mixed.....	05	20
797	Perennial Varieties. All colors mixed.....	10	30
802	LYCHNIS <i>Chalcedonica</i> (Jerusalem Cross). HP. 2 ft. Fine, showy garden plants, with scarlet cross-shaped flowers in clusters.....	05	40
	MADAGASCAR PERIWINKLE. See Vinca.		
	MARGUERITE. See Chrysanthemum.		

	MARIGOLD (<i>Tagetes</i>). HA. Favorite garden annuals in all shades of yellow, brown and red. Very free flowering; require sunny situation.		
	Large African Varieties. 3 ft. Pkt. Oz.		
807	Lemon Queen. 3 ft. Lemon-yellow.....	\$0 05	\$1 00
808	Eldorado. 3 ft. Yellow; large.....	05	1 00
809	Double Mixed. 3 ft. All shades.....	05	75
	French Varieties:		
814	Legion of Honor. 6 in. Yellow and brown.....	05	75
815	Striped Single. 1 ft. Yellow and brown.....	05	50
816	Brown-marbled. 1 ft. Red and brown.....	05	50
817	Double Mixed. Tall, 18 in. Mixed.....	05	75
818	Dwarf Striped. Dark brown.....	05	75
	MARIGOLD, POT. See Calendula.		
	MARVEL OF PERU. See Mirabilis.		
823	MATRICARIA (Feverfew). HA. 2 ft. Showy, double, white flowers; for bedding or pots.	05	40
	MATTHIOLA. See Stocks.		
	MAURANDYA. GP. 10 ft. Graceful climber, with foxglove-like flowers. Pkt. Lge.pkt.		
828	Large-flowering Rose. New.....	\$0 05	\$0 25
829	Dark Purple.....	05	25
830	Fine Mixed. All colors.....	05	25
	MIGNONETTE (<i>Reseda</i>). HA. 1 to 1½ ft. Charming old-time favorite, of exquisite perfume. Pkt. Oz.		
835	Holmes' Giant Sweet-scented. Golden yellow; very fragrant.....	\$0 10	\$0 50
836	Holmes' Dwarf Machtet. Red; fragrant...	05	75
837	Allen's Defiance. Red; extra choice.....	05	75
838	odorata grandiflora. Large and fragrant...	05	15
839	gigantea. Mixed colors.....	05	30
840	Bismarck. Compact plant; large flowers...	05	2 00
841	Giant Pyramidal. Bright red.....	05	50
842	Goliath. Red; extra large.....	05	1 50
	MESEMBRYANTHEMUM (Ice Plant). A. 6 inches. For edging and baskets. Pkt. Lge.pkt.		
847	crystallinum. Foliage icy in appearance.....	\$0 05	\$0 15
848	tricolor (Wax Plant). Foliage feels icy.....	05	15
	MEXICAN FIRE BUSH. See Kochia.		
853	MIMOSA pudica (Sensitive or Humble Plant). A. 18 in. Purplish white flowers; leaves droop when touched....	05	15
	MIMULUS. A. Peculiarly marked flowers.		
858	moschatus (Musk Plant). Mixed colors...	05	30
859	tigrinus (Monkey Flower). Resembles a monkey's face.....	05	30
864	MIRABILIS Jalapa (Four-o'Clock; Marvel of Peru). A. 2 ft. Red and yellow flowers all summer, opening about four o'clock.....	05	15
	MOMORDICA. HHA. Climbing. Splendid vines, bearing yellow flowers and ornamental fruit of medicinal value. Pkt. Oz.		
869	Balsamina (Balsam Apple).....	\$0 05	\$0 30
870	Charantia (Balsam Pear).....	05	30
	MONKEY FLOWER. See Mimulus.		
	MOURNING BRIDE. See Scabiosa.		
	MORNING - GLORY (Convolvulus). A. Climbing. Old and well-known.		
875	Rochester. Blue, with white eye.....	05	25
876	True Japanese. Mottled and striped.....	05	25
877	Fine Mixed. All colors.....	05	10
878	tricolor, or minor. Blue; trailing.....	05	20
	MUSK PLANT. See Mimulus.		
	MYOSOTIS (Forget-me-not). 6 in. Pkt. Lge.pkt.		
883	Biennial Varieties. Bloom first year.....	\$0 10	\$0 30
885	alpestris, Victoria. Bright blue.....	10	25
888	grandiflora alba. Large; white flowers...	05	20
	Choice Mixed. All sorts and colors.....	05	20
	Perennial Variety: Increases each year.		
893	dissitiflora. Deep blue flowers.....	10	40
	NASTURTium (Tropaeolum). Pkt. Oz.		
910	Finest Mixed Tall Varieties. All colors.....	\$0 05	\$0 10
985	Tom Thumb Varieties Mixed. All colors.....	05	10
	Prices of Nasturtiums in quantity, ¼lb. 25c., 1b. 75c.		
1025	NEMOPHILA insignis (Love Grove). A. Pkt. Lge.pkt. 1 ft. Border plants bearing a profusion of cup-shaped flowers all colors.....	\$0 05	\$0 15
1030	NICOTIANA affinis (Flowering Tobacco). TP. 3 ft. Showy plants, with broad foliage and fragrant white flowers....	05	15
1040	NIGELLA <i>Damascena</i> (Love-in-a-Mist). A. 1 ft. Quaint blue flowers, finely cut foliage forming a misty effect.....	05	15
1045	GENOTHERA (Evening Primrose). A. 2 to 3 ft. Shrubby plants; profusion of brightly colored flowers opening as the sun goes down. Mixed colors.....	05	15



Holmes' Giant-flowering Pansy

Pansies

These are a specialty with us, and our collection is the richest in variety and coloring ever offered in this country. Our seed is saved from the finest specimen flowers and is guaranteed fresh and true to name.

Mixtures of Giant-flowered Pansies:

1050	Holmes' Triumph of the Giants. Robust, compact-growing plants; flowers enormous in size, of rich and rare colors.	Pkt. \$0 15	Oz. \$8 00
1051	Holmes' Mammoth Five-blotched. Magnificent extra-large flowers, su- perbly marked.	10	5 00
1052	Holmes' Giant Masterpiece. Enormous flowers, 4 inches across, with ruffled edges and distinct colors and markings.	10	7 00
1053	Bugnot's Giant Spotted. Color radiates on margin of petals; beautifully spotted.	10	5 50
1054	Mme. Perret. Great American Giant, "Red, White and Blue"	10	3 00
1055	Odier Five-spotted Beauties. Of perfect form and wondrous beauty.	10	3 00
1056	Goliath Cattleya Orchid-flowered. Ex- quisite.	10	3 50
1057	Giant Trimardeau. Enormous in size and great variety of colors.	10	2 00
1058	Trimardeau Giant Spotted Parisian. Extra large; gorgeous colors.	10	2 50
1059	Cassier and Trimardeau Mixture. Superb mixture of large flowers.	10	2 25
Named Giant-flowered Pansies:			
1070	Auricula-flowered, Prince Bismarck. Light blue, striped rosy lilac.	10	1 50
1071	King of Blacks. Violet-blue.	10	1 50
1072	Giant Cassia, Hortensia-Red. New.	10	3 00
1073	Giant Marmorata. Marbled on purple, red and crimson ground.	10	2 50
1074	Odier Five-spotted Yellow. Magnificent.	10	6 00
1075	Odier Five-spotted White. Extra fine.	10	6 00
1076	Payche. Velvety violet on white; curled.	10	6 00
1077	Giant Vulcan. Dark red, five black blotches.	15	7 00
Giant Trimardeau, separate colors:			
1087	Adonis. Light blue.	10	2 00
1088	Atropurpurea. Dark purple.	10	2 00
1089	Fire King. Brilliant yellow and purple.	10	2 00
1090	Canary-Bird. Golden yellow.	10	2 00
1091	Indigo-blue. Very rich color.	10	2 00
1092	Emperor William. Ultramarine-blue.	10	2 00
1093	Lord Beaconsfield. Purple and lavender.	10	2 00
1094	Peacock. Blue, edged white.	10	2 00
1095	White with Eye. Black center; showy.	10	2 00
1105	Crimson King. Very brilliant.	10	2 25
1106	Mauve Queen. Dainty mauve.	10	2 25
1107	Snowflake. Dazzling white.	10	2 25

PETUNIAS. These are among the most easily
grown of all garden annuals and furnish
a magnificent succession of brilliant
flowers.

		Pkt.	$\frac{1}{4}$ Oz.
1171	Holmes' Defiance. Extra large; all colors.	10	\$1 25
1172	New Star. Perfect star in center; all colors.	10	1 00
1173	Holmes' Fancy Fringed. All colors.	10	1 00
1174	Double Giant. Large. 250 seeds.	\$1.75	25
1175	Hybrids, Finest Mixed	Oz. \$1.05	05

PHLOX Drummondii. 6 in. to 1 ft. Among
the best of all garden plants, producing
masses of flowers of dazzling colors
constantly all summer.

Annual Varieties:

		Mixed Pkt.	Oz.
1185	Holmes' Large-flowering.	\$0 10	\$0 75
1186	Starred and Fringed. Charming in shape; all colors.	10	75
1187	Meteor. Brilliant scarlet.	05	75
1188	alba. White flowers.	05	80
1189	Apricot. Beautiful shades.	05	2 50
1190	Shell-Pink. Very dainty.	05	75
1191	Dwarf Compact. All colors.	05	1 40
1192	Splendid Mixed. All colors and kinds.	05	50

Perennial Variety:

1200	decussata. 2 ft. All colors; flowers in splendid panicles.	05	1 50
------	---	----	------

1210	PHYSOSTEGIA denticulata (False Dragon- head). P. 3 to 4 ft. Spikes of tubular flowers of all colors.	Pkt. Lge. pkt. \$0 10	\$0 20
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PINKS. See Dianthus and Carnations.

PLATYCODON (Chinese Bellflower). HP.

2 ft. Splendid hardy garden plants
bearing beautiful blue and white bell-
shaped flowers in profusion.

1215	grandiflorum. Blue; large flowers.	05	15
1216	grandiflorum album. White flowers.	05	15
1217	Japonicus fl. pl. (Double Japanese Bell- flower). Deep blue.	15	40

POPPIES (Papaver). Brilliant and showy
garden flowers growing freely from
seed. Sow where intended to bloom, as
they will not stand transplanting.

Annual Varieties, Single:

		Pkt.	Oz.
1225	Brilliant. Dazzling red.	\$0 05	\$0 30
1226	Danebrog. Scarlet, silvery white spot.	05	25
1227	Dwarf Shirley. Beautifully variegated.	05	30
1228	Maid of the Mist. White; fringed.	05	30
1229	Japanese Dwarf. Mixed colors.	05	30
1230	Tulip-flowered. Mixed colors; tulip- shaped.	05	50

Annual Varieties, Double:

1240	Cardinal. Hybrids; scarlet; enormous size.	05	20
1241	Golden Gate. All colors; magnificent.	05	20
1242	Improved Carnation-flowered. Fringed flowers, all colors.	05	20
1243	Peony-flowered. Splendid flowers, all colors.	05	25

Perennial Varieties:

1250	Oriental Giant. Enormous; brilliant.	05	75
1251	bracteatum. Brilliant scarlet, black spot.	05	1 00
1252	nudicaule (Iceland Poppy). Brilliant.	20	75
1253	Mixed Hybrids. Gorgeous, large flowers.	10	1 00

PORTULACA. A. Trailing. Forms a bril-
liant display of many-colored flowers
surmounting peculiar heavy foliage.
Sow where they are to bloom when
ground is warm.

1263	Finest Single Mixed. All colors.	Pkt. Lge. pkt. \$0 05	\$0 15
1264	Double Rose-flowered Mixed. All colors.	05	50

PRIMULA (Primrose). 6 inches to 2 ft. Most
beautiful greenhouse and garden plants
with dainty flowers of all colors. Our
seed is saved from the finest specimens
and is exceptionally pure.

Fringed Chinese Varieties:

1270	Holmes' Prize Mixture. Contains only the very finest varieties. Seed selected from prize-winning plants.	25	75
1271	alba magnifica. White, with yellow eye.	35	75
1272	Brilliant Red. Magnificent color.	35	75
1273	Holborn Blue. Brilliant shade.	35	75
1274	Kermesina splendens. Crimson.	35	75
1275	Rosy Morn. Tender Pink.	35	75
Obconica grandiflora varieties:			
	compacta. Dwarf; rosy lilac.	25	65
	fimbriata. Fringed; all colors.	10	65
	Vesuvius. Dark crimson.	25	65
Hardy Varieties:			
1305	veris (English Cowslip). Mixed colors; old and well known.	10	20
1306	vulgaris (English Primrose). Canary- yellow. The common hardy Primrose of gardens.	10	40

1310	PUERARIA Thunbergiana (Kudzu Vine). HP. Climber. The fastest-growing vine. Immense heart-shaped leaves and purple pea-shaped flowers. Pkt. Lge. pkt. \$0 05 \$0 30		
	PURPLE FOUNTAIN GRASS. See Grasses.		
1315	PYRETHRUM roseum. HP. 2 ft. Rose-colored, daisy-like flowers. 10 25		
	QUAKING GRASS. See Grasses.		
	RICINUS (Castor-Oil Plant). A. 6 to 12 ft. Magnificent foliage plants with enormous leaves and clusters of beans. Pkt. Oz.		
1320	Holmes' Giant. Enormous brown leaves. 15 ft. \$0 10 \$0 50		
1321	Zanzibariensis. Very large leaves varying from light green to purplish red. 10 ft. 05 15		
1322	Borbonienseis. 15 ft. Green leaves. 05 15		
1323	Mixed. All kinds and colors. 05 15		
	SALPIGLOSSIS (Velvet Flower). HHA. 18 in. Beautiful orchid-like flowers, exquisitely marked and veined.		
1340	Emperor. New. Wondrous gold-veined Pkt. Lge. pkt. flowers in clusters. \$0 05 \$0 40		
1342	Mixed Hybrids. All colors and markings. 05 25		
	SALVIA (Flowering Sage). HHA. Most showy of all garden flowers, bearing great masses of brilliantly colored blossoms in spikes.		
1347	Bonfire (Clara Bedman). Scarlet 10 30		
1348	Ball of Fire. Dwarf; early; scarlet. 15 40		
1349	splendens (Scarlet Sage). Brilliant. 05 30		
	SCABIOSA (Mourning Bride). HHA. 2 ft. Easily grown garden plants.		
1355	Double Black. Black-purple. 05 15		
1356	Double Double, Mixed. All colors. 05 15		
	SCARLET SAGE. See <i>Salvia splendens</i> .		
1360	SCHIZANTHUS Wisetonensis (Butterfly Flower). HHA. 18 in. Orchid-like flowers of all colors. 05 65		
	SENSITIVE PLANT. See Mimosa.		
1365	SMILAX (<i>Myrsiphyllum asparagoides</i>). GP. Climbing. Delicate greenhouse climber with heart-shaped leaves. \$0 10 \$0 65		
	SNAPDRAGON. See Antirrhinum.		
	SQUIREL-TAIL GRASS. See Grasses.		
1380	STOKESIA cyanea (Stokes' Aster). HP. 1½ to 2 ft. Splendid aster-like flowers of pale blue. Always in bloom. 10 2 50		
	STRAW FLOWER. See Helichrysum.		
	STOCKS, Ten Weeks (Matthiola; Cut-and-Come-Again). HHA. 1 to 1½ ft. Old favorites of the garden with splendid spikes of fragrant flowers of all colors. Pkt. Lge. pkt. \$0 10 \$0 40		
1385	Princess Alice. Pure white; double. \$0 10 \$0 40		
1386	Holmes' New Largest-flowering Globe Pyramidal. Mixed. 10 50		
1387	Emperor. Extra large; mixed colors. 10 60		
	SUNFLOWER. See Helianthus.		
	SWEET ALYSSUM. See Alyssum.		

Sweet Peas

All our strains of Sweet Peas are grown especially for us by one of the best experts in the country, and we can recommend them as being absolutely fresh and true to name. The new types listed below will be a revelation to the lover of Sweet Peas, as they are of size, color and form never dreamed of before by the enthusiast. And everyone who grows Sweet Peas becomes an enthusiast.

Best Spencer Varieties

	CREAM-YELLOW SHADES	Pkt.	Oz.	¼lb.	Lb.
1400	Primrose Spencer.....	\$0 05	\$0 40	\$1 25	\$4 00
	DEEP ROSE or PINK SHADES				
1406	Beatrice Spencer.....	05	25	75	2 50
1407	George Herbert.....	05	25	75	2 00
1408	Helen Lewis.....	05	35	1 00	3 50
	LIGHT PINK SHADES				
1415	Blanche Ferry Spencer....	05	40	1 25	4 00
1416	Countess Spencer.....	05	25	75	2 50
1417	Mrs. Routzahn Spencer...	05	40	1 25	4 00
	MAROON SHADES				
1420	Othello Spencer.....	05	35	1 00	3 00
	WHITE SHADES				
1425	White Spencer. Pure white.	05	40	1 25	4 00
1430	Holmes' Superb Spencers, Mixed. All colors.....	05	35	1 00	3 00

Unwin Waved Sweet Peas

	LAVENDER SHADES	Pkt.	Oz.	¼lb.	Lb.
1435	Frank Dolby.....	\$0 05	\$0 35	\$1 00	\$3 00
	LIGHT PINK SHADES				
1440	Gladys Unwin.....	05	20	50	1 50
	ROSE-PINK SHADES				
1445	Phyllis Unwin.....	05	25	75	2 00
	WHITE SHADES				
1450	Nora Unwin. Pure white...	05	25	75	2 00
1455	Holmes' Superb Unwins Mixed. All colors.....	05	20	50	1 50

Large-Flowering Grandiflora Types

This list contains the best of the Standard Sweet Peas, with large, expanded or hooded petals.

	DARK BLUE SHADES	Pkt.	Oz.	¼lb.	Lb.
1460	Navy-Blue.....	\$0 05	\$0 15	\$0 40	\$1 00
	DEEP PINK SHADES				
1465	Coccinea.....	05	15	40	1 00
1466	Janet Scott.....	05	25	75	2 00
	LAVENDER AND BLUE SHADES				
1470	Countess of Cadogan.....	05	15	35	75
1471	Helen Pierce.....	05	20	50	1 50
1472	Mrs. Walter Wright.....	05	15	35	75
	LIGHT PINK SHADES				
1480	Agnes Eckford.....	05	20	50	1 50
1481	Blanche Ferry.....	05	15	40	1 00
1482	Blanche Ferry, Extra Early.	05	15	40	1 00
1483	Katherine Tracy.....	05	15	40	1 00
1484	Lovely.....	05	15	40	1 00
1485	Prince of Wales.....	05	15	40	1 00
	MAROON SHADES				
1490	Black Knight.....	05	15	40	1 00
1491	Othello.....	05	15	40	1 00
	ORANGE SHADES				
1500	Henry Eckford.....	05	15	40	1 00
1501	Miss Willmott.....	05	15	35	75
	PRIMROSE SHADES				
1505	Hon. Mrs. E. Kenyon.....	05	15	35	75
	RED SHADES				
1510	America.....	05	15	40	1 00
1511	George Gordon.....	05	15	35	75
1512	King Edward VII.....	05	15	40	1 00
1513	Queen Alexandra.....	05	15	40	1 00
	VIOLET AND PURPLE SHADES				
1520	Duke of Westminster.....	05	15	40	1 00
	WHITE SHADES				
1525	Blanche Burpee. Pure white	05	15	40	1 00
1526	Dainty.....	05	15	40	1 00
1527	Dorothy Eckford. Pure white	05	15	40	1 00
1528	Lottie Eckford.....	05	15	40	1 00
1529	Phenomenal.....	05	15	40	1 00
1535	Holmes' Superfine Mixture. All colors.....	05	15	40	1 00

For Christmas Forcing

	Pkt.	Oz.	$\frac{1}{4}$ lb.	Lb.
1540 Burpee's Early White.....	\$0 05	\$0 25	\$0 75	\$2 00
1541 Christmas Meteor. Scarlet.....	05	25	75	2 00
1542 Christmas Pink.....	05	25	75	2 00
1543 Earliest of All. Pink and white.	05	25	75	2 00
1544 Mont Blanc. Pure white.....	05	25	75	2 00
1545 Mrs. C. H. Totty. Pale mauve.	05	25	75	2 00
1546 Mrs. E. Wild. Bright rose.....	05	25	75	2 00
1547 Mrs. G. Lewis. Pure white.....	05	25	75	2 00
1548 Mrs. Wm. Sim. Salmon-pink.....	05	25	75	2 00
1555 Holmes' Christmas. Mixed.				
All colors.....	05	15	50	1 50

The Ideal Fertilizer. Sheep Manure is the natural fertilizer, prepared to conserve its greatest value. It is exceedingly rich in nitrogen, phosphoric acid and potash. It also adds humus, which is absolutely necessary to the soil, and which is not provided by chemical fertilizers. This makes the soil light and porous and capable of retaining moisture. It is the ideal fertilizer for lawns, gardens, flower-beds, shrubbery, orchards, vineyards, etc. When used in the fall, it gives splendid results. **Lb. 5 cts., 10 lbs. 40 cts., 25 lbs. 75 cts., 50 lbs. \$1.25, 100 lbs. \$2, 500 lbs. \$9, ½ ton \$16, ton \$30.**

SWEET SULTAN. See Centaurea.

SWEET WILLIAM. See Dianthus.

TAGETES. See Marigold.

- 1560 **THUNBERGIA** (Black-eyed Susan). A. Climber. Bears a profusion of flat, white, yellow and orange Pkt. Lge. pkt. flowers with bold black centers.....\$0 05 \$0 20

UMBRELLA PLANT. See Cyperus.

VERBENA. HA. 1 1/2 to 2 ft. Flat clusters of fragrant flowers of all colors. Always in bloom.

	Pkt.	Oz.
1565 Extra-Choice Mixed. Specially selected seed.....	\$0 05	\$1 50
1566 Holmes' Mammoth. Extra large mixed.....	10	1 50
1567 Scarlet Defiance. Brilliant color.....	05	2 00
1568 Pure White. Very choice.....	05	2 00
1569 Blue with White Eye. Extra fine.....	05	2 00
1570 Blood-Red, White Center.....	10	2 00
1571 Auricula-flowered. Mixed colors.....	15	2 00

VINCA (Madagascar Periwinkle). HP. 1 ft.

Dwarf bedding plants with glossy green foliage and dainty flowers. Pkt. Lge. pkt.

1586 alba. White with rose eye.....	\$0 10	\$0 20
1587 alba pura. Pure white.....	10	20
1588 rosea. Rose with dark eye.....	10	20
1589 Mixed. All colors.....	10	20

WILD CUCUMBER. See Echinocystis.

YOUTH AND OLD AGE. See Zinnia.

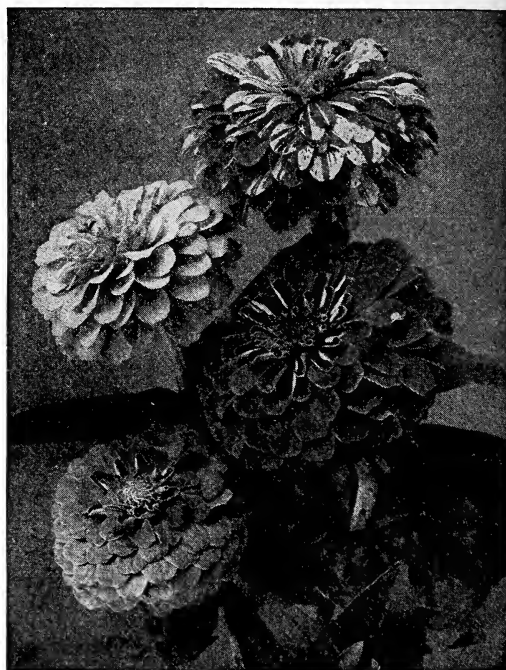
ZINNIA (Youth and Old Age). Among the easiest to grow and bloom.

Tall Varieties; 2 ft.:

	Pkt.	Oz.
1626 Holmes' Giant Mammoth Mixed. Contains specially selected seed of the largest flowers in all colors.....	\$0 10	\$1 00
1627 Double Yellow. Creates brilliant effect.	05	1 50
1628 Zebra, or Striped. Odd and interesting.	10	75

Dwarf Varieties; 18 in.:

1629 Snowball. Pure white.....	05	75
1630 Fireball. Brilliant red.....	05	75
1631 Pompon. Smaller flowers, all colors.....	05	75
1632 Mixed. All kinds and colors.....	05	60



Holmes' Giant Mammoth Zinnias

Summer-Flowering Bulbs and Roots

BEGONIAS, Tuberous-Rooted

There is hardly a single garden in which there are not semi-or entirely shaded spots where the average flower will not grow. Such places are ideal for this flower; yet it will make a dazzling show in the open. Enormous wax-like flowers appear uninterruptedly from June till frost.

SINGLE

	Each	Doz.	100
Crimson.....	\$0 10	\$1 00	\$6 00
Orange.....	10	1 00	6 00
Pink.....	10	1 00	6 00
Scarlet.....	10	1 00	6 00
White.....	10	1 00	6 00
Yellow.....	10	1 00	6 00
Mixed.....	07	70	5 00

DOUBLE

	Each	Doz.	100
.....	\$0 15	\$1 50	\$10 00
.....	15	1 50	10 00
.....	15	1 50	10 00
.....	15	1 50	10 00
.....	15	1 50	10 00
.....	15	1 50	10 00
.....	12	1 20	8 50

Add 10 cts. per dozen for mailing
Single bulbs mailed free

CALADIUM ESCULENTUM

(Elephant's Ear)

As centerpieces or specimens in flower-beds, Caladiums answer well. They also make an excellent edging for a hardy bed of grass, for ricinus and other tall-growing plants. When planted in a bed alone, a border of scarlet sage removes the one-color effect and makes a beautiful contrast. Do not plant Caladiums outdoors until after May 1, but to get them in early growth, they may be started indoors.

	Each	Doz.	100
Monster Bulbs.....	\$0 30	\$3 25	\$20 00
Mammoth Bulbs.....	20	2 20	15 00
First-size Bulbs.....	10	1 10	8 00
Second-size Bulbs.....	07	75	5 00

Single bulbs mailed free. Add for postage to dozen prices as follows: Monster bulbs, 15 cts.; Mammoth, 10 cts.; First-size, 5 cts.; Second-size, 3 cts.

SELECTED CANNAS

Strong roots, 10 cts. each, \$1 per doz., by mail, postpaid, \$6 per 100, by express. After May 1 we supply plants at 15 cts. each, \$1.50 per doz., \$10 per 100.

HOLMES' DAHLIAS

THE CHOICEST OF THEIR RESPECTIVE CLASSES

Add 10 cts. per clump if wanted by mail

Our Dahlia roots are, in all cases, splendid, large, original specimens, often weighing 10 to 16 ounces each, and containing 4 to 8 tubers. We do not cut the roots into small pieces to save postage, but make our prices by express or freight.

DECORATIVE DAHLIAS

	Each	Doz.
Admiral Dewey. Rich purple; very free.....	\$0 15	\$1 50
Madame Van den Dael. Large; white.....	15	1 50
Jack Rose. Rich crimson; large.....	15	1 50
Clifford W. Bruton. Canary-yellow.....	15	1 50
Lyndhurst. Brilliant cardinal-red.....	15	1 50
Sylvia. Deep pink, pure white center.....	15	1 50
Nymphæa. White, suffused with pink.....	15	1 50
Maid of Kent. Cherry-red, tipped white.....	15	1 50
Mrs. Roosevelt. Beautiful light pink.....	20	2 00
Mrs. J. Gardner Cassatt. Deep rose-pink; large.	50	5 00

CACTUS DAHLIAS

Countess of Lonsdale. Salmon-pink and amber.	20	2 00
Volker. Yellow; free-flowering.....	25	2 50
Kriemhilde. Brilliant pink.....	20	2 00
J. H. Jackson. Crimson-maroon; large.....	20	2 00
Eva. Dwarf; white; profuse bloomer.....	20	2 00
Mrs. Edw. Mawley. Soft yellow; large.....	25	2 50
Floradora. Pure garnet, splendid form.....	15	1 50

SHOW AND FANCY DAHLIAS

Arabella. Light sulphur-yellow.....	15	1 50
John Walker. Elegant pure white.....	20	2 00
Red Hussar. Pure cardinal-red.....	15	1 50
Emily. White, tipped soft lilac.....	15	1 50
Admiral Schley. Rich crimson.....	15	1 50
A. D. Livoni. Clear soft pink, quilled.....	15	1 50
Dorothy Peacock. Clear soft pink.....	75	7 50
White Swan. Large; pure white.....	20	2 00

HOLMES' SPECIAL DAHLIA CATALOGUE SENT FREE FOR THE ASKING

HOLMES' SUPERB GLADIOLI

The Gladioli is the most useful of all flowers. Apart from its striking beauty and effectiveness while blooming in the garden, its practical value as a cut-flower is becoming more highly appreciated the better it becomes known.

Holmes' Superb Mixture. Every bulb is by mail. By expr. extra choice; the very largest and Each Doz. 100 finest kind of flowers.....\$0 05 \$0 50 \$3 50

Groff's New Hybrids, Mixed. Selected from the cream of high-quality Gladioli. 04 30 2 00

Childsii. Finest mixed varieties. Large size; brilliant colors.....05 35 2 50

We also can furnish all other varieties of Gladioli upon application.

GLOXINIAS Each Doz. 100
Named Colors.....\$0 15 \$1 50 \$10 00
Choicest Mixed Colors.....10 1 00 6 00
By mail, postpaid

MISCELLANEOUS SUPPLIES

Aprons. Gardener's Rubber.....Each \$1 75
Asparagus Knives. American.....45
Asparagus Buncher, Acme. No. 1 for 3 to 3½-in. bunches.....1 75
Asparagus Buncher, Acme. No. 2 for 4- to 5-in. bunches.....2 25
Banner Root Cutter. Cuts roots and vegetables into fine chicken-feed; capacity, one bushel in five minutes. No. 7.....5 00
Bone Mills, Mann's. We guarantee to refund the price paid to anyone who, after using it for one month, is not satisfied with his investment.
No. 5C. With crank handle.....6 00
No. 5B. With balance wheel.....8 00
No. 5BM. With balance wheel and iron stand.....10 40
No. 7. With balance wheel and iron stand.....12 00
No. 7½. Semi-power machine.....16 00
No. 9. With balance wheel and iron stand.....18 40
No. 11. Power machine.....20 00
No. 12. Power machine.....30 00
Bone and Shell Mill, Wilson's. No. 1. Grinds oyster or clam shells, dried bones and grit and is an excellent mill and largely used. Will also grind corn.
Weight, without stand, 53 lbs.....5 00
Weight, with stand, 64 lbs.....7 00
Cherry Seeder, Rodman's......75
Cider Mills. The best and strongest mills made.
I-Am-It.....10 00
Junior.....12 00
Senior.....21 00
Corn Sheller, Black Eagle......2 00
Carnation Supports. 2 and 3 rings, doz. 45 cts. and 55 cts.; per 100, \$3.15 and \$3.50.
Dandelion and Plantain Puller, Bateman's......35
Dandelion Puller. Long handle.....25
Dibble. Steel points, for transplanting.....40
Dibble. All iron.....40
Duster for Slug-Shot......2 qts., 25 cts.; 4 qts., 35
Fumigators. For fumigating greenhouses—Nos. 1, 2, 3 and 4, holding ½, 1, 2, 3 pks., \$1.50, \$2.50 and 3 25
Feed Cutter, "Rapid.".....3 00
Garden Line. Italian Hemp. Extra quality. 25 ft., 20 cts.; 50 ft., 35 cts.; 100 ft., 60 cts.; 200 ft., 1 10
Garden Line Reels, with Stake. 8-in., \$1; 10-in.....1 50
Glazing Points, Peerless. Nos. 2 and 2½.....75
per 1,000, 60 cts.; by mail.....75
Grafting Wax. ¼lb., 10 cts.; ½lb., 15 cts.; 1lb., 25 cts.
Grass Edging Knives, American. 9-in.....60
Guards for Trees, heavy wire.....1 50
Grist Mill, "Rapid.".....2 50
"Korn King," weight 33 lbs.....4 75
Grass Catchers. Fit any mower.....\$1, \$1.25 and 1 50
Harrow, Cutaway Grading and Smoothing.
Size 6 feet, horse, weight 136 lbs.....f.o.b. factory.....14 00
Size 8 feet, horse, weight 176 lbs.....f.o.b. factory.....17 00
Cutaway Reversible Double Lever. No other harrow will do the work of this modern implement.
A5, Single Action, 2-horse, 10- to 16-in. disks, 5-ft. extension head.....22 50
Short head.....f.o.b. factory.....21 50
Write for catalogue and full information.
Hanging-Baskets. Galvanized Wire. 10-in. 20 cts., doz. \$2.25; 12-in. 25 cts., doz. \$2.50; 16-in. 40 cts., doz. \$4.50; 18-in., heavy, 70 cts., doz. \$8.
Hoes, Bateman. 5½- and 6-in. blades \$1.10 and 1 20
Scuffle. 4-, 6- and 8-in. blades, 45 cts., 60 cts. and
Thinning. 4½-in. blades, 18-in. handles.....35
Garden. Long handle, 2-prong.....40
Draw, or Field. Socket Handle.....60
Prong, or Potato......75
Hilton. 9-in. blade.....70
Horse-Radish Graters. No. 1, steel pins.....7 50
No. 3, Foot-tread.....15 00
Family size, all iron.....3 50

CINNAMON VINE. A beautiful hardy annual climber, 15 to 30 feet high. Leaves thick and glossy. The white flowers, borne in clusters, emit a delightful, cinnamon-like perfume. **Strong roots, 5 cts. each, 50 cts. per doz. Extra-strong roots, 8 cts. each, 80 cts. per doz., postpaid.**

MADEIRA or MEXICAN VINE (Climbing Mignonette). Thick, glossy leaves and long, hanging stems of feathery, fragrant white flowers. **Strong roots, 5 cts. each, 40 cts. per doz., \$3 per 100, postpaid.**

HARDY PEONIES. We can supply roots in spring or fall. Our roots are large and full of life and strength. **Best Red, Pink, White and Purple.** Large roots, any color. These are of the very best, specially selected varieties, and will give unbounded satisfaction. **25 cts. each, \$2.50 per doz. Add 10 cts. per root if wanted by mail.**

TUBEROSES. Excelsior Pearl. Pure white. 3 cts. each, 25 cts. per doz., \$1.50 per 100. Mammoth bulbs, 5 cts. each, 50 cts. per doz., \$3 per 100. Add 5 cts. per doz. for mailing.

Hose Menders. Complete outfit. Brass, ½in., ¾in., and Each 1 in.....by mail, 75 cts., \$0 65
Hose Nozzles, Gem. Spray or Solid Stream.....50
Hose Reels. On wheels with ratchet.....2 25
All iron, \$2.50; wood.....75 cts. to 2 00
Hose, Rubber. Best grades guaranteed.

25 ft. 50 ft. 100 ft.
Standard Brand. ¾-in.....\$3 75 \$7 25 \$14 00
Revero (Non-kinkable). ¾-in.....4 75 9 25 18 00
Revero (Non-kinkable). ½-in.....4 25 8 25 16 00

Hose Washers......per doz., 8c.
Hotbed Sash. Shipped direct to purchaser from factory, freight paid. Sash 3 ft. wide by 6 feet long. Of cypress, not glazed and painted.....1 50

Hotbed Mats. Burlap, 40x76.....doz., \$11. 1 00

Burlap, 76x76.....doz., \$17. 1 50

Hotbed Mats. Waterproof with waterproof duck on one side, 40x76.....doz., \$14. 1 25

Waterproof with waterproof duck, 76x76.....doz., \$20. 1 75

Hyacinth Glasses......doz \$1.60. 15

Hydrometers, Carbondale. For testing the strength of lime-sulphur solution. Price 85 cts. (postpaid, \$1), with directions.

Kraut Cutter, "New Buffalo." Capacity 200 heads an hour; 3 knives; lasts a lifetime.....20 00

Knives, Pruning. Saynor's.....\$1 and 1 50

Pruning. American.....1 00

Budding. Saynor's Best. One blade. Round or straight blade.....1 50

Budding. Other foreign makes. 50 cts., 60 cts., 75 cts., and \$1 each.

Labels, Painted Wooden Pot—

100 1,000 100 1,000
4-inch.....\$0 12 \$0 85 10-inch.....\$0 50 \$4 50
5-inch.....20 1 00 12-inch.....75 6 00
6-inch.....25 1 50 18-inch, for field use.....2 50 20 00
8-inch.....35 3 25 Tree. Painted; copper wired.....25 1 50

We carry a complete line of labels.

Lawn Sprinklers. Each

'Peck. 4-arm, \$3.25; 8-arm.....\$3 75

Pluvius.....1 25

Brass Ring, or Fountain.....75

"Cheap but Good".....35

The Preston.....1 25

Lawn Trimmers. For trimming close to walls or fences.

Coldwell's. 8-in. cut.....5 00

Capitol. 6-in. cut.....6 00

Lawn Rollers, Roller-bearing Hand. A child can run them.

No. Diam. Length Sections Lbs. Price

1.....15 in.....15 in.....2.....150.....\$7 15

2.....15 in.....22 in.....3.....200.....9 40

3.....20 in.....16 in.....2.....225.....10 50

4.....20 in.....20 in.....2.....250.....11 60

5.....20 in.....20 in.....1.....250.....11 60

6.....20 in.....24 in.....3.....300.....13 90

7.....20 in.....24 in.....2.....300.....13 90

8.....20 in.....30 in.....3.....350.....16 50

Lawn Rollers, Water Ballast. Roller-bearing. Can be filled without turning on end, with either sand or water. Diameter 24 inches; weight, empty, 185 lbs.; filled with water, 560 lbs., or with sand, 840 lbs.....13 60

Lawn Mowers, Regal High-Wheel Ball-bearing.

14-inch, 5-blade cylinder.....10 50

16-inch, 5-blade cylinder.....11 50

18-inch, 5-blade cylinder.....12 50

20-inch, 5-blade cylinder.....13 00

The Cadet.

10-inch.....\$2 50 16-inch.....3 25

12-inch.....2 75 18-inch.....3 50

14-inch.....3 00

MISCELLANEOUS SUPPLIES, continued

Coldwell Motor Mowers. Write for details and prices.	Each
Coldwell Horse Mowers.	
25-in. cut, no shafts.....	\$38 00
30-in. cut, complete.....	65 00
35-in. cut, complete.....	78 00
40-in. cut, complete.....	95 00

Grand High-wheel.

Each	Each
14-inch, 5 blades, \$9 50	18-inch, 5 blades, \$11 00
16-inch, 5 blades, 10 50	20-inch, 5 blades, 12 00

Suburban Ball-bearing.

Each	Each
12-inch, 4 blades, \$4 25	16-inch, 4 blades, \$5 50
14-inch, 4 blades, 4 75	18-inch, 4 blades, 6 25

Write for prices on Golf Mowers for Putting-Greens.

Mastica. An improved putty. Gal. \$1.40, 5 gals. \$6.75.	
Mastica Machine. For applying.....	1 25
Mole Trap, Rittenhouse	75
Mole Trap, Reddick	1 00
Moss, Sphagnum, Dried 5-bbl. bale, \$2.50, bbl.	1 25
Pencils, Indelible. For writing on labels.....	5 cts. and 10
Powder Gun, Champion	8 00
Little Giant	6 00
Peat, Orchard. Per bbl. bag.....	2 00

Pot Hangers. For 5- to 8-inch pots, 5 cts. each, 50 cts. per doz.; for 8- to 12-inch pots, 6 cts. each, 70 cts. per doz.

Pruning Tree Hook and Saw, Little Giant. Light and very strong. The saw can be detached when not required—

Hook and saw without pole.....	1 50
Hook only.....	1 00

Compound Lever Tree Pruner, 8 ft. \$1.40; 10 ft., \$1.60; 12 ft., \$1.75; 14 ft., \$2.

Putty Bulbs. For applying mastica and putty. By mail, \$1.10..... 1 00

Putty, Twemlow's English. Gal. \$1.45, 5 gals. at \$1.25.

Raffia. For tying. Lb. 25 cts., 5 lbs. \$1.

Colored, in all shades, 24lb. 25 cts., lb. 75 cts., 5 lbs. \$3.50.

Rake, Lawn, The Gibb. Wire..... 45

Rakes, Automatic. Self-cleaning..... 60

22- and 26-tooth..... 50 cts. and

The Ole Oleson. Curved. Does not tear grass..... 40

Wooden. Ordinary..... 25

Steel. 12-, 14- and 16-tooth, 50 cts., 60 cts. and 75

Saws, Pruning, Duplex (double edge). 18-in..... 85

20-in..... 1 15

Pruning (single edge). 14-, 16-, 18-, 20- and 24-inch, 60 cts., 70 cts., 80 cts., \$1 and 1 25

Scissors, Flower..... 1 00

Vine. 7-in..... 1 25

Scythes, Lawn. 30- and 36-in. blades, \$1.25 and 1 50

Scythe Stones. 2 for 25 cts..... 15

Seed Sower, Broadcast (Cahoon)...... 3 25

Cyclone..... 1 75

Shears, English Hedge. With pruning notch, 8-in. blade, \$1.50; 9-in. blade, \$1.75; 10-in. blade 2 00

Grass Border..... 9 in., \$2.25; 10-in., 2 50

Grass Border, Saynor's. 8-in. blade, \$2.25; 10-in. 2 75

Lopping, Saynor's. For tree and heavy hedge..... 3 50

Shears, Sheep or Grass. Imported, 7-in..... \$1 25

Single spring. 7-in..... 60

Pruning. 7-, 8-, and 9-in..... 75 cts., \$1 and 1 25

Pruning, French. 7 inches..... 1 25

Tree Pruning, Waters. Pole.....

4 ft. 75c., 6 ft. 85c., 8 ft. \$1, 10 ft. \$1.15, 12 ft. 1 25

Stakes, Cane. Can be cut in lengths to suit. 6- to 9-ft. lengths.

Doz., 25 cts.; 100, \$1; bundle of 250, \$2.25; 1,000, \$8.00.

3½-ft. lengths, dyed green. Doz. 15c.; 100, \$1; 1,000, \$8.25.

Wooden, Round Tapering. Painted green—

Doz.	100	Doz.	100
1½ ft.....	\$0 17	3½ ft.....	\$0 63
2 ft.....	28	4 ft.....	75
2½ ft.....	40	5 ft.....	88
3 ft.....	51		

Heavy Rose or Dahlia. Painted green—

Doz.	100	4 feet.....	1 10	6 50
3 ft.....	\$0 75	5 feet.....	1 25	8 15
3½ ft.....	88	6 feet.....	1 55	9 80

Galvanized. No. 10 wire—

2 feet.....	100	3½ feet.....	1 10
2½ feet.....	\$0 60	4 feet.....	1 25
3 feet.....	75	4½ feet.....	1 35
		5 feet.....	1 50

Silkline. For stringing smilax. Spool 25 cts., lb. 1 50

Spades, Steel..... Each

Spading Forks..... 4 tines, 95 cts.; 5 tines, 1 00

Signs, "Keep off the Grass." Enameled, \$1.50; iron, 40

Sickles. Extra fine..... 25 cts. and 40

Sprinkler, Rubber. By mail, \$1.10..... 1 00

Thermometer, Greenhouse, Tested. (Copper case, \$1.00)..... 50

Self-Registering. Registers heat and cold..... 3 00

Hotbed or Mushroom. Brass point..... 1 50

Dairy. For testing milk..... doz., \$2.50..... 25

Incubator. Tested..... 60

Brooder. Tested..... 50

Tomato Supports. \$2 per doz., \$14 per 100..... 20

Torch, Asbestos. For burning caterpillars on trees..... 40

Tree Scraper. Three-edged. Short handle..... 60

Long handle..... 1 00

Trowels, Transplanting..... 40

Angle. 7- and 8-in. blades..... 20 cts. and 25

Forged Steel. Blade and shank one piece. 6 in..... 40

Sheet Steel. Blade and shank one piece..... 6 in. 25

Twine, Jute. For tying..... Lb 15 cts..... 10

Twine, White Cotton. For tying. Lb. 45 cts., ball, 10

Watering Cans. Heavy galvanized iron, with two copper sprays. 6-, 8-, 10-, and 12-qt., \$1.85, \$2, \$2.30 and 2 75

Common Galvanized. 40 cts., 50 cts., 75 cts..... and 1 00

Extra sprays..... 25

Low. For greenhouses. 4-qt..... 1 50

Weeders..... Each

Lang's..... \$0 25

Eureka..... 25

Excelsior..... 10

Excelsior Fork..... 10

Wheelbarrow, Garden. No. 3. Bin 26 inches long, 19 inches front width, 22 inches back; 12-inch sides, 3-in. tires..... 4 50

The Easy..... 35

Onion..... 30

Yoder..... 25

Yoder, Long handle..... 75

Plant Tubs, Flower Pots, Saucers, Etc.

All prices subject to change without notice

KEYSTONE TREE AND PLANT TUBS

Made of white cedar, painted green and bound with strong electric-welded wire hoops, which do not rust. Prices, f.o.b. Harrisburg, without handles.

Outside Diam.	Depth	Each
No. 5..... 10 inches.....	9 inches.....	\$0 45
No. 6..... 11 inches.....	10 inches.....	60
No. 7..... 12 inches.....	11 inches.....	70
No. 8..... 13 inches.....	12 inches.....	90
No. 9..... 14 inches.....	13 inches.....	1 00
No. 10..... 15 inches.....	14 inches.....	1 25
No. 11..... 16 inches.....	15 inches.....	1 35
No. 12..... 17 inches.....	16 inches.....	1 50
No. 13..... 18 inches.....	17 inches.....	1 75

WOOD-FIBER PLANT TUBS

Complete, with saucers.

	Green Mahog.	Enameled Color
10-inch.....	\$0 95	\$0 63
12-inch.....	1 15	75
14-inch.....	2 00	1 50
18-inch.....	4 73	3 95

FERN-DISH LINERS

Very shallow, for inside of fancy silver or porcelain ferneries.

Width	Depth	Each	Doz.	100
7 in.	1½ in.	\$0 12	\$1 00	\$6 00

PAPER FLOWER POTS

Sizes	Doz.	100	1,000
2½ inches.....	\$0 08	\$0 35	\$3 00
2½ inches.....	10	40	3 25
3 inches.....	12	55	4 50
3½ inches.....	18	70	6 00
4 inches.....	20	95	7 50
5 inches.....	25	1 40	12 50
6 inches.....	30	1 80	17 00

EARTHEN FLOWER POTS

Our Earthen Flower Pot stock is very large. We carry a full line of sizes at all times.

Height and width inside.	Ea.	Doz.	100	1,000
2½ in.....	\$0 01	\$0 07	\$0 50	\$3 96
2½ in.....	01	08	56	4 45
3 in.....	02	09	69	5 45
3 in.....	02	11	88	6 93
3½ in.....	02	14	1 06	8 41
4 in.....	02	18	1 38	10 89
4½ in.....	03	20	1 56	12 37
4½ in.....	03	24	1 88	14 85
5 in.....	03	32	2 50	19 80
5 in.....	05	41	3 13	24 75
6 in.....	05	49	3 75	29 79
6½ in.....	07	62	4 80	44 00
7 in.....	08	78	6 00	55 00
8 in.....	11	1 09	8 40	77 00

Earthen Flower Pots, continued

Height and width inside Ea.	Doz.	100	1,000
9 in.....	\$0 16	\$1 56	\$12 00
10 in.....	22	2 11	16 20
11 in.....	29	2 81	21 60
12 in.....	40	3 90	30 00
14 in.....	80	7 80	60 00
16-in., hand made.....	1 50	13 50	

EARTHEN BULB PANS

These are fine for planting with bulbs of various kinds or for ferns and other compact plants.

Diam. Inside	Each	Doz.	100
6 inches.....	\$0 07	\$0 68	\$3 75
7 inches.....	08	78	4 80
8 inches.....	10	98	6 00
9 inches.....	15	1 30	8 40
10 inches.....	20	1 63	10 80
12 inches.....	25	2 28	15 00
14 inches.....	50	4 55	30 00
16 inches.....	90	7 80	60 00
18 inches.....	1 25	11 70	90 00

See our Novelty Collection of Vegetables on Front and Back Covers. 35 cts.



PLANT TUBS, FLOWER POTS, SAUCERS, ETC., continued

SEED PANS—Earthenware.

Each	Doz.	Each	Doz.
6 in...\$0 20	\$2 00	10 in...\$0 30	\$3 00
8 in... 25	2 50	12 in... 40	3 50

WOOD-FIBER SAUCERS (51)

Absolutely waterproof and unbreakable. Plants can be stood on the finest covering of woodwork without damage.

Each	Doz.	Each	Doz.
4-inch.....\$0 11	\$1 24	\$0 27	
5-inch..... 11	1 27	9 54	

Wood-Fiber Saucers, continued

Each	Doz.	100
6-inch.....\$0 12	\$1 32	\$9 90
7-inch..... 13	1 44	10 80
8-inch..... 14	1 56	11 70
9-inch..... 15	1 73	12 96
10-inch..... 16	1 80	13 50
12-inch..... 19	2 16	16 20
14-inch..... 25	2 88	21 60
16-inch..... 44	5 04	37 80
18-inch..... 50	5 76	43 20

EARTHENWARE SAUCERS

Each	Doz.	100
4-inch.....\$0 02	\$0 15	\$1 12
5-inch..... 03	18	1 40
6-inch..... 04	24	1 88
7-inch..... 05	31	2 40
8-inch..... 06	47	3 60
9-inch..... 08	62	4 80
10-inch..... 09	78	6 00
11-inch..... 11	94	7 20
12-inch..... 15	1 17	9 00
14-inch..... 25	1 95	15 00

INSECT DESTROYERS PRICES SUBJECT TO CHANGE

Aphine. For destroying aphids, green fly, thrip, red spider and other greenhouse and outdoor insects. It dilutes readily in water, about 1 part to 40 of the latter. Small can 25 cts., $\frac{1}{2}$ pint 40 cts., pint 65 cts., quart \$1, gallon \$2.50.

Arsenate of Lead. For spraying trees and shrubbery against attacks of leaf beetles. Lb. 25 cts., 5 lbs. 90 cts., 10 lbs. \$1.60, 50 lbs. \$6, 100 lbs. \$10.50.

Bordeaux-Arsenate. A combination of arsenate of lead and bordeaux which saves a double spraying. Kills all leaf-eating insects and checks fungous diseases. Lb. 25 cts., 2 lbs. 40 cts., 5 lbs. 90 cts., 10 lbs. \$1.60, 25 lbs. \$3.75, 50 lbs. \$7, 100 lbs. \$12.

Bordeaux Mixture. For black rot, downy mildew, and anthracnose of grape, potato blight, potato rot, leaf blight of cherry, pear, quince and other fungous diseases. Pound box 20 cts., 5 lbs. 75 cts., makes 25 gallons spray; 10 lbs. \$1.25, makes 50 gallons spray; 25-lb. box \$3, makes 125 gallons.

Bug Death. Now largely used instead of paris green; more safe, just as effectual and acts as a fertilizer as well as an insecticide. Lb. 15 cts., 3 lbs. 35 cts., 5 lbs. 50 cts., 12½ lbs. \$1, 100 lbs. \$7.50. (Special Shaker, 25 cts.)

Cow Ease. The finest article for affording comfort to cattle. They will yield more milk and remain in better condition. Qt. 35 cts., gal. \$1, 5 gals. \$4.

Fungine. An excellent remedy for fungous diseases of all kinds. Qt. 75 cts., gal. \$2.

Hellebore. For destroying rose slugs. $\frac{1}{4}$ lb. 10 cts., $\frac{1}{2}$ lb. 15 cts., lb. 25 cts., 5 lbs. \$1, 10 lbs. \$1.85.

Kerosene Emulsion. Liquid. Qt. 40 cts., gal. \$1.

Lemon Oil. Will destroy mealy bug, scale, thrip, red spider, etc. $\frac{1}{2}$ pt. 25 cts., pt. 40 cts., qt. 75 cts., $\frac{1}{2}$ gal. \$1.25, gal. \$2, 5 gals. \$9. Dilute one part to thirty of water.

Lime-Sulphur Solution. For San Jose scale. Gallon makes 10 to 12 gallons of spray. Gal. 75 cts., 5-gal. can \$2.25, 10 gals. \$3.75, half bbl., about 30 gals., 25 cts. per gal.; bbl., about 50 gals., 20 cts. per gal.

Nicotinic. A powerful insecticide for vaporizing. $\frac{1}{4}$ pt. 70 cts., $\frac{1}{2}$ pt. \$1.25, pt. \$2.50, qt. \$4.50, gal. \$15. Lamps, each 50 cts.

Nico-Fume. Liquid. For spraying and vaporizing. $\frac{1}{4}$ pt. 50 cts., pt. \$1.50, $\frac{1}{2}$ gal. \$5.50, gal. \$10.50.

Nico-Fume. Positive death to red spider and aphids. Put up in air-tight metal packages. Box 75 cts., 144 sheets \$3.50, 288 sheets \$6.50.

Paris Green, Pure. $\frac{1}{4}$ lb. 15 cts., $\frac{1}{2}$ lb. 25 cts., lb. 40 cts., 5 lbs. \$1.90, 14 lbs. \$5.

Slug-Shot. One of the best powders for destroying insects. 5 lbs. 30 cts., 25 lbs. \$1.40, 50 lbs. \$2.50, 100 lbs. \$5.

Tobacco Dust. For burning or dusting; state which is wanted. 5 lbs. 35 cts., 10 lbs. 60 cts., 25 lbs. \$1.25, 50 lbs. \$2, 100 lbs. \$3.50.

Tobacco Stems, Fresh. 200 lbs. \$2; $\frac{1}{2}$ ton \$6.50, ton \$12.

Whale-Oil Soap. Caustic soft-soap. Lb. 20 cts., 5 lbs. 75 cts., 25 lbs. \$1.75, 50 lbs. \$3.25, 100 lbs. \$5. Barrels of about 425 lbs. \$17.

Wood Killer. For killing weeds in walks and drives. Gal. \$1, 5 gals. \$4, 10 gals. \$7.50.

Spray Pumps, Nozzles, Etc.

SEND FOR SPECIAL PUMP CATALOGUES. We can save you money. We have a complete line of supplies and can fill your needs promptly.

The "Easy" Compressed-Air Sprayer. Of galvanized steel or of brass. Has automatic shut-off nozzle, holds one gallon; fine for small gardens. Galvanized iron, \$2, brass, \$3.

Dry Powder Sprayer. 60 cts.

New Daisy Sprayer. Gives continuous spray with both front and back action of plunger. 75 cts.

Compressed-Air Spray Pump. A light, compact compressed-air sprayer with reliable, durable valves and complete equipment for efficient service. Galvanized iron, \$5, brass, \$7. Extension rod, 24 in. long, 60 cts.

Ideal Spraying Outfit. For small orchard, garden and farm. It is better than a knapsack sprayer and does not cost so much as larger sizes. Holds 15 gallons, is mounted so it will not spill, and is easy to handle and operate. Bronze valves, removable; air pressure of 100 lbs. is easily had and kept. Has mechanical agitator and a strainer. Equipment: 10 ft. $\frac{3}{4}$ -in. pressure hose, 10-foot 3-piece pipe extension. 1 T shut-off cock. 1 Brandt nozzle. Weight, 65 lbs. \$18.

Iron Pipe Extensions. 10 cts. per foot in 8- and 10-foot sections.

Bamboo Pipes for Extension. Lighter and in some ways better than metal. With connections, \$3, \$3.50 and \$4.

Spray Nozzles. 65 cts. to \$2.

Brass Y. 50 cts.

Brass 3-Way Cock. Complete, \$2; postage, 15 cts.

Hose Reducer. 20 cts.

Lever Shut-Off Cock. 40 cts.

Hose Clamp. $\frac{1}{4}$ - or $\frac{3}{4}$ -inch, 5 cts.; postage, 2 cts.

Brass U for 2 Nozzles. $\frac{1}{4}$ -in., 40 cts.; postage, 5 cts.

Hose Coupling. $\frac{1}{2}$ - or $\frac{3}{4}$ -inch, 20 cts.; postage, 8 cts.

Poultry Supply Department

It is impossible to list our complete line of supplies—write for anything you need—you will get the best price always.

Incubators. "Banta Bender," "Buckeye," and "Essex Model." Write for prices and catalogue describing the one desired.

Brooder and Incubator Thermometers. Accurate and reliable. 50 cts. and 60 cts.

Leg Bands. For chickens, pigeons, turkeys, ducks and all poultry. Celluloid or aluminum. Doz. 15 cts., 100 \$1.

Gape-Worm Extractor. 25 cts.

Poultry Markers. 25 cts.

China Nest-Eggs. 3 cts. each, 25 cts. per doz. Add 2 cts. each for postage.

Caponizing Sets. Philadelphia, \$2.50. Farmer's \$3.

Perfection 30-dozen Egg Crates. Will outwear a dozen cheap crates. \$1.25 each.

Humpty-Dumpty Egg Crates. 3-doz. size, 30 cts.; 6-doz. size, 35 cts.; 12-doz. size, 40 cts.

Shipping Coop for Poultry. Strongly built. Wire-stayed and will stand knocks. For chickens, size 3 ft. long, 2 ft. wide, 1 ft. high, \$1.25 each, \$10 per doz. For turkeys, 16 inches high, \$1.50 each, \$12 per doz.

Nesco Galvanized Drinking Fountains.

Each	Doz.	Each	Doz.
1-quart....\$0 25	\$2 50	4-quart.....\$0 50	\$5 00
2-quart.... 35	3 50	8-quart..... 75	7 00
Boston Feed-Fed Hopper. 8 in. wide, 90 cts. each; 15 in. wide, \$1; 20 in. wide, \$1.25; 36-in. wide, \$1.00.			
Sanitary Feed Box. 50 cts. each, \$5.40 per doz.			

Churns

NOTE.—The capacity is twice the amount they churn.

DAVIS SWING CHURN

Will churn	Each	Will churn	Each
No. 1. 4 gals.....	\$7 00	No. 4. 10 gals.....	\$12 00
No. 2. 5 gals.....	8 00	No. 5. 13 gals.....	15 00
No. 3. 8 gals.....	10 00	No. 6. 17 gals.....	18 00
		No. 7. 30 gals.....	25 00

BARREL CHURN

Will churn	Each	Will churn	Each
No. 1. 3 gals.....	\$3 50	No. 4. 12 gals.....	\$6 50
No. 2. 4½ gals.....	4 00	No. 5. 16 gals.....	7 50
No. 3. 7 gals.....	4 50	No. 6. 22 gals.....	9 50
No. 4. 9 gals.....	5 00	No. 7. 28 gals.....	11 00

CEDAR CYLINDER CHURN

(Double Removable Dasher)

Will churn	Each	Will churn	Each
No. 1. 3 gals.....	\$2 50	No. 3. 7 gals.....	\$3 50
No. 2. 4 gals.....	3 00	No. 4. 10 gals.....	4 00

REID'S BUTTER WORKER

Each	Each
No. 1. capacity 50 lbs.....\$10 00	No. 3. capacity 20 lbs.....\$7 00
No. 2. capacity 30 lbs. 8 00	No. 4. capacity 10 lbs. 6 00

Larger sizes quoted on application.

Butter Printers. Pound or half-pound, complete, \$1.50.

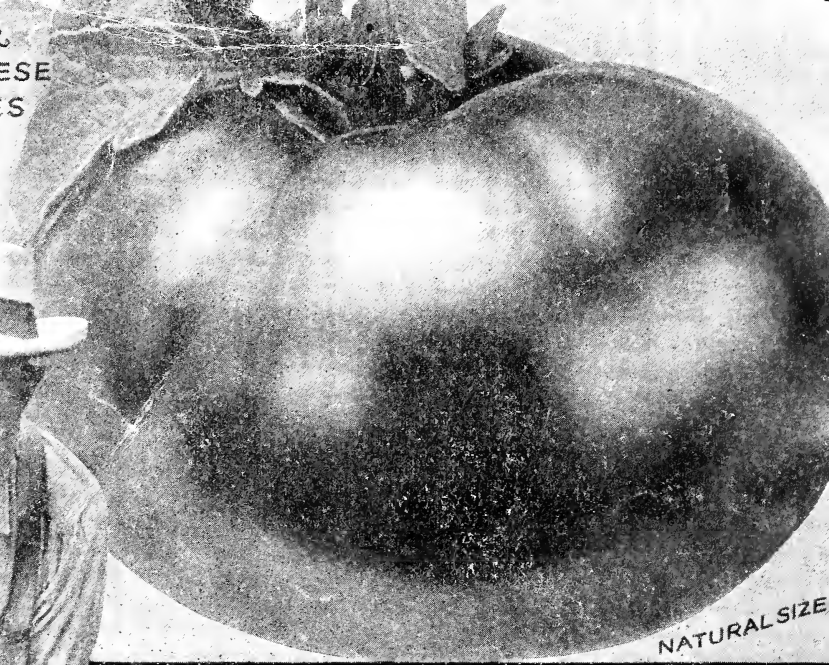
Butter Bowls. 15 cts., 25 cts., 35 cts., 50 cts. and 60 cts.

Butter Ladles. 5 cts. and 10 cts.; regular size, 15 cts.; large size, 30 cts.

Dairy Thermometer. 25 cts. each, \$2.50 per doz.

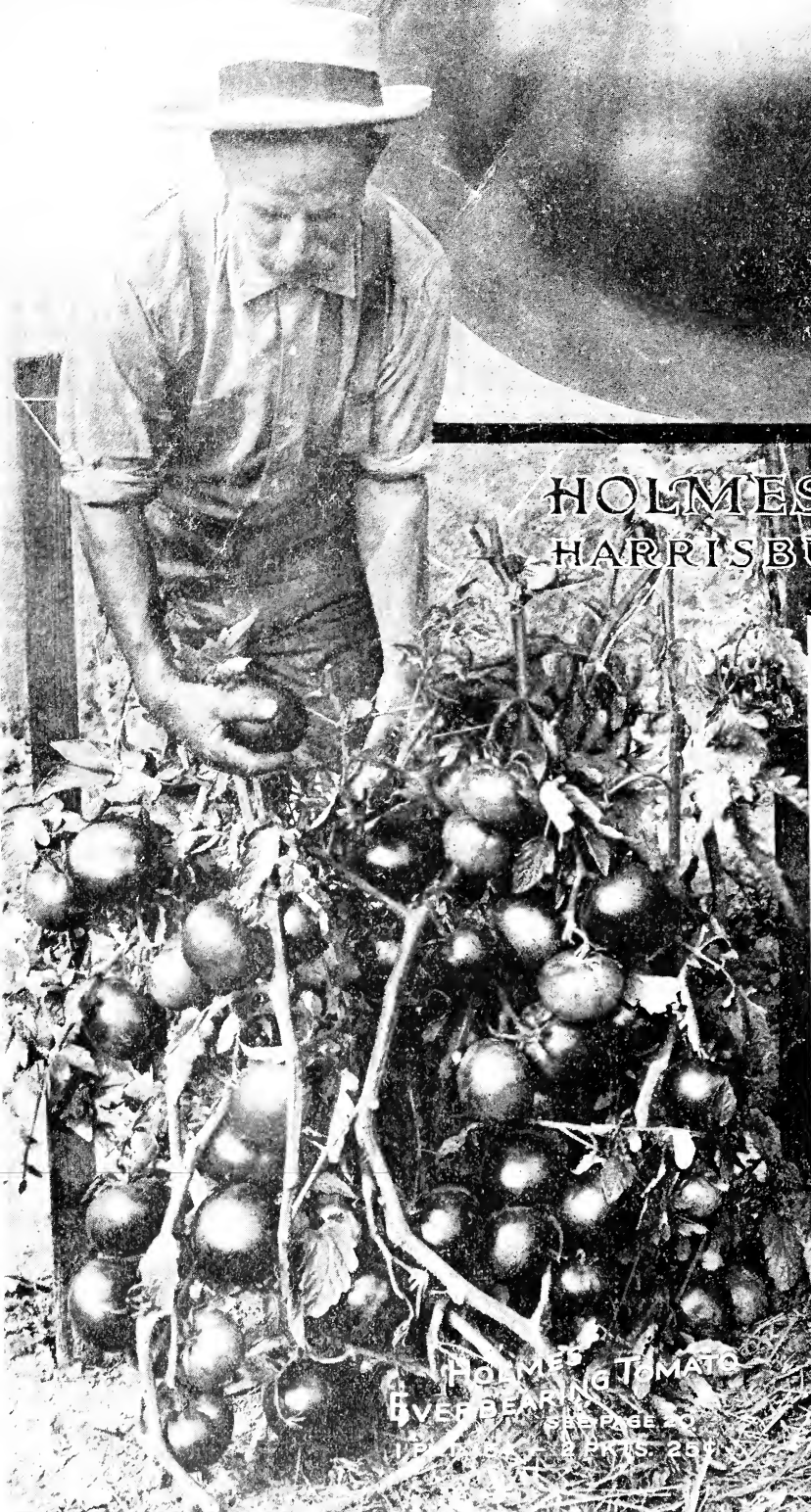
SPECIAL OFFER
1 PACKET EACH THESE
3 GRAND NOVELTIES
35¢ POSTPAID

ORDER AS
 "COVER COLLECTION"



NATURAL SIZE

HOLMES SEED CO.
HARRISBURG, PENNA.



HOLMES' PROLIFIC
SWEET PEPPER
 SEE PAGE 15



1 PKT. 15¢
 2 PKTS. 25¢

HOLMES' TOMATO
EVERBEARING
 SEE PAGE 10
 1 PKT. 15¢
 2 PKTS. 25¢